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GENETICIST GEORGE W. BEADLE



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You'll find the entire family shares this feeling, too, Just watch their faces the day you ease one of these low-swept new Chevrolets into your own driveway. The gentleness of Chevy's new kind of ride and the fineness of its Fisher Body interior have a winning way with wives. And its gullwing glamor and quick-responding power are enough to put a glow of pride in any youngster's eyes—as well as his dad's.

If you haven't yet got to know this new Chevy, your dealer will see you get the right kind of introduction—with a price that'll make you want to hear more in a hurry. Drop in and let him show you why you couldn't be moving in better company. . . . Chevrolet Division of General Motors, Detroit 2, Michigan Michigan





# HOW TO LICK THE UPS AND DOWNS

J. P. Van Winkle Presider Stitzel-Weller (Old Fitzgerald) Distillery Louisville, Kentucky Established 1849



The boys in the Still House once sneaked out and switched the wheels on an old-fashioned rig tied up at a Kentucky distillery—little heels to the back, big wheels to the front.

The rig belonged to a pair of gaugers who were wont to pull a bit heavily on their bottle before setting off toward home some 7

Standing up to peer over the dashboard, the puzzled driver remarked to his partner—"Zeke, we've been driving this road for ten years, and this is the first time I've realized it's uphill all the way!"

In such lopsided times as these the dashboard gets in the way of any businessman who insists on seeing where he's headed every step of the way.

But when the horse knows the road, why worry?

Looking to Washington to level off your ups and downs is putting the cart before the horse.

Better sit back, relax, and keep a close check-rein on the quality and saleability of your product or how uphill the road.

Our modest country distillery, for instance . .

Three generations ago we set out to make one genuine Kentucky Bourbon named OLD FITZGERALD.

It's been uphill all the way, sticking strictly to our costly family sour-mash recipe, patiently preserving our old-time quality, and invariably sealing its true Bot-tled-in-Bond character under the green Government stamp.

But our middle-of-the-roa methods seem to have paid off. By adhering steadfastly to our Straight Bourbon principles through economic slumps and humps, we continue to find our OLD FITZGERALD steadily gaining acceptance among a group of dis-criminating gentlemen who have made it the final choice of their mature tastes.

We invite you to join this inner circle of business hosts who have discovered the old-fashioned good-ness of OLD FITZGERALD, and find it good business to share, in moderation, with associates and friends.

100 Proof Kentucky Straight Bourbon · Always Bottled-in-Bond Made in U.S.A.

# LETTERS

#### The Betravers

Perhaps the execution of ex-Premier Imre Nagy and General Pal Maleter, the most atrocious of the many broken promises made by the Russians, will strike a note of realization in the minds of our recent "peace walkers"-the promise of the Rus-

D. L. KEANE

Flushing, N.Y.

Auckland, N.Z.

It is not too late for the U.S. and the free world to declare now that Nikita Khru-shchev is an international murderer. ALEXANDER MANO

# Second Wind to the South

Re the "post-Nixon" Latin American emphasis and your excellent Muñoz Marin cover story [June 23]: many Americans, enchanted the cultures of Spain or France, ignore or even deride an almost identical culture to their south. To a large segment of Americans, Mexico and the remainder of Latin America is represented by dives or semiliterate braceros. This is like judging the U.S. by Coney Island or Arkansas hillbillies. Unless we make an effort to understand and appreciate the rich, proud and non-materialistic culture of our southern neighbors we shall have lost a major battle of the cold war.

DONALD MORROW Guadalajara, Mexico

We rejoice that "Operation Bootstrap" has been so successful, but let us not deny that Puerto Rico is a poor boy hitching a free ride in Uncle Sam's limousine. Some rich boys are also riding free-namely the U.S. corporations there. If freedom from income tax is so beneficial to Puerto Rico, by all means let us all enjoy it and extend it to our other possessions

EDW. M. BIANCHI Campbell, Calif.

From the people of Puerto Rico, thanks

San Juan, P.R.

from the bottom of our hearts for such a magnificent embrace TEODORO MOSCOSO

Administrator The Economic Development Administration

Letters to the Editor should be addressed to TIME & LIFE Building, 9 Rockefeller Plaza, New York 20, N.Y.

I think TIME did an uncommonly good job on my friend, Luis Muñoz Marin. NORMAN THOMAS

New York City

You may be interested in knowing that your article has already acted like a shot of adrenalin on the people of Puerto Rico, who were wondering if, with the recession so far is giving them a second wind.

PAUL HARRISON Puerto Rico News Service

#### Of Wool & Things

The presidential office is without a doubt a man-killer, but there is no such thing as an indispensable man-in or out of the White House. Better that we should all skate around on the slippery ice of politics until 1960 than retain a man who knew all the rules where other men were concerned but considered himself sacrosanct when these rules applied to him. I am a Republican and I like and voted for Eisenhower. But I think Adams had all that has happened "coming to him," and I think Eisenhower made the ultimate mistake in not firing him pronto.

(MRS.) MARYL MARSHALL Oakland, Calif.

What Goldfine and Adams did for each other happens every day, I am sure, in the U.S. I am willing to bet that each of these men, in his own way, has contributed more to this nation than nine-tenths of the people who have criticized either or both.

ROBERT A. LEVENSON Vineland, N.I.

Sir: Whether the Sherman Adams censure is justified or not, it certainly provides a fine relief valve for the guilty conscience of a nation where petty corruption is rapidly be-coming a way of life.

ERNEST HENNINGER Indianapolis

It is a pretty shabby state of morality when a man's life work can go up in smoke not because of evil but because of "the implication of evil." Because the converse is that "anything goes" so long as nobody

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Volume LXXII



Vacation-bound, the Darrow clan shot clear of their garage:
Their trusty Travelers man stood by to wish them bon voyage.
Enjoy yourselves," this worthy said, "leave worry far behind—
Your holidays are carefree if you're Travelers-undersigned."



They rolled along serenely for two hundred miles or more;
Then Eleanore said, "Dear, I hope you locked the terrace door."
'I did, my love," soothed Jerry, "but The Travelers pays for theft,
And guards my life—our way of life—we'll never be bereft."



She fretted of a fire—a storm—but Jerry purred, "In truth, No care can gray my hair—our Travelers plan's a Fount of Youth. The mortgage, college for the kids, our car? All well in hand." And then he led his yawning bro



No nightmares haunt the Darrows. All their days are free of care— American Family Independence—that's the life they share. You, too, can yawn at worry... with a Travelers Budget Plan, And pay in painless monthly payments—ask your Travelers man.

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Sure, playing against a DOT user is a big handi- It's the DOT for distance cap. But there's a way to beat it. Tee up a DOT yourself. It's the one way we know about to get all the distance that's coming to you. Only your golf professional sells the DOT.



knows. Adams' biggest political sin was to leave people dangling on the phone without saying good-bye. No one can forgive anyone for the ego-deflating experience of being left talking to empty air. But, let's get back to the business of getting 5,000,000 people back to business and forget about a situation that is as stupid and as sad as a farm girl who got seduced for a box of chocolates. P.S. I'm a Democrat.

V. I. IAMES

If, in five and one-half years, the Democrats have been able to come up with nothing more significant than this, is that not the supreme tribute to the general high standard of ethics and morality of the Eisen-

ROLAND O. MILDRAM Reading, Mass.

Let's get the rascals back! K. H. SMALL Gainesville, Fla.

A Short in the Gas Line

Many thanks for your June 30 praise of Playhouse oo's A Town Has Turned to Dust, but your identification of our sponsorship as "American Gas & Electric" is like saying the program is brought to you by Kent and Winston or by General Motors and Ford. Our portion of *Playhouse 90*, as stated in the Our portion of Playhouse 90, as stated in the opening billboard, "is brought to you by Your Gas Company ... in cooperation with gas producers ... pipeline companies ... and gas appliance and equipment manufacturers." C. S. STACKPOLE

American Gas Association New York City

Israel at Ten

At long last a major national weekly has succeeded in presenting the Israeli position in its true perspective. Ever since the founding of the state, Israel's leaders have di-rected all their efforts toward scientific rather than territorial expansion. Your photos portray an excellent picture of a nation in

HAL P. SPRINGER

Forest Hills, N.Y.

This nation, built on material, worldly attainment instead of a spiritual and prophetic heritage, will not stand. In the process of building Israel, its leaders have lost track of the true meaning of Judaism.

MAY MANSOOR

Dalton, Ga.

Warm Spell

Thank you for your very kind and thorugh review [June 23] of Hot Spell. While ough review [June 23] of Hot Spell. While I'm at it, thanks for all of your reviews of my screenplays (The Big Knife, Altack, 80 Days, etc.). The Screen Writers Guild has tried for years to persuade film critics to credit scenarists—with little success. Your practice of throwing the credit—or the blame -to the man behind the typewriter is heartening and encouraging.

JAMES POE

West Los Angeles, Calif.

# Keeping Up with the Indexes

Sir:
The statement in Time, June 2, that "U.S. efforts in the abstracting field are puny by comparison [with Russia's]" is grossly

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wrong. Chemical Abstracts alone publishes over 100,000 abstracts a year, and our abbranches of science are represented in the recently organized National Federation of Science Abstracting and Indexing Services. These 14 services represented in the federation produced approximately 440,000 abstracts in 1957. Information in these journals is not of lasting value if there are not good indexes in existence to make it possible the scientist to find what is wanted. The U.S. far surpasses the Soviet Union in the provision of thorough and prompt index keys. E. J. CRANE

The Chemical Abstracts Service

Answering the Bell

As a Catholic, I am one of the millions

of knuckleheads described in two of your June 16 letters as "conditioned to attend church virtually from the cradle, much as Pavlov's dogs were trained to salivate at the ringing of a bell ... and on whose minds ... the Roman hierarchy has a strangle hold." Christian charity forbids my answer-

ing your readers, but names of recent converts to Catholicism come to mind-people who should have been warned of the stultifying effects of Catholic teaching: Alec Guin-ness, George Jean Nathan, Dame Edith Sitwell, Thomas Merton, Avery Dulles-to name a few.

MARGARET V. WALSH Evanston, Ill.

On the Maps

May I compliment you on the excellent map of Calcutta in your June 16 issue. With its aid, a traveler could steam up those hothimself roughly oriented from the start. WALTER S. MAPES

Philadelphia

While watching a rebroadcast of the Air While watering a reproducts of the Arr Power series, I took out your June 10, 1957 issue and witnessed the Battle of Midway with your map before me. It was an exciting adventure into history, Thank you. DONALD N. SKIBO

Calgary, Alta. Mess of SS's

Although no M.D. or spaceman, I can tell you what's wrong with the term "weight-lessness," "Weightlessness," could embrace any thing or condition without weight, e.g., a cubic yard of vacuum; an idea in the mand of Marilyn Monroe; a gas whose tendency to rise equals the pull of gravity; a color. How about "Non-G?"

DAVID KLEIN New York City

Why not use "antigray"? I. HARVEY ADAIR Saginaw, Mich.

You ask what's wrong with the word weightlessness. Anyone who has tried "kick-ing the geese" out of Tennyson<sup>®</sup> knows the answer. Too many ss's, thir

JOHN HENRY CUTLER

\* Who said: "There are many other things [that] help to make the greatness of blank verse, for instance, a fine ear for vowel-sounds and the kicking of the geese out of the boat (i.e., doing away with sibilations) . . . I never put two 'ss' together in any verse of mine.





3. The drink is "flater'n" a pancake . . . wishy-washy. Your best bet ... throw away ... start afresh.

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# TIME

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# A letter from the PUBLISHER

James a. Linen

THE lacy pattern of little round balls in the background of this week's cover is from a deoxyribonucleic-acid molecule model built at Manhattan's Sloan-Kettering Institute. The grey balls represent carbon atoms; blue is phosphorous; yellow is nitrogen; red is oxygen; white is hydrogen. Molecules do not look like this, of course. The atoms in them are much too small to be seen, even with an electron microscope. The pattern shown is a small part, somewhat simplified, of the DNA molecule, which geneticists now believe is the carrier of heredity and the chemical master of all life. If all of this seems to bring up some questions about the unfolding mysteries of heredity, see Science, The Secret of Life.



BOB SCHULMAN. TIME'S Seattle Bureau Chief, was treading the trails and villages of Alaska again last week when the word came through that the U.S. Senate had voted state-



TIME. JUNE 9

hood for the territory. The news was as cheering for Schulman as it was for most Alaskans, for both he and Seattle Correspondent Russ Sackett had spent weeks in the territory when the bill was in the House, reporting the cover story on Governor Mike Stepovich (TIME, June 9), and both had acquired a glow of personal discovery for the 'land of beauty and swat." Schulman blushed a modest red when enthusiastic Alaskans told him that TIME's cover had stirred enough general interest to help give the statehood bill its final push through the Senate. For a report on the final steps to statehood, see NATIONAL AFFAIRS. The 49th State,

SALESNEN for Chicago's Hibbled Metals Inc., sometimes answer the telephone and hear a cannon go offi. It is their president's way of saluting them for making a particularly good sale urging them on to greater success. Other firms are giving the kids whiteles and the wives signs intended to and the wives signs intended to the wooderful fand worful's thingsitude of the wooderful fand worful in the success of the suc

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# and heavy—yet cut \_\_\_\_ tire costs in half!

# And haven't had a sideslip since we switched to HI-MILER CROSS-RIB."

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"When you have to rush maximum loads, regardless of roads or weather, that's tough on tires.

"And when deliveries must be made within 15 minutes of schedule time," continues Fleet Owner T.L. Mydland. "those tires must stand up.

"AND-when you're stuck with those two factors on runs over all kinds of roads in Louisiana, Mississippi, Alabama and Florida-man-you've got PROBLEMS!

"We had them for sure. Our 35 tractors and 40 reefers haul perishable produce and groceries into areas that turn tire-maintenance men gray.

"In fact in had weather, we've had as many as

"In fact, in bad weather, we've had as many as 5 rigs in the ditch!

"But all this was before we went Cross-Rib.

"Cross-Rib has ended sideslip on our operationeven on high-crown roads through the swamps. And we've said good-by to blowout and bruisebreak problems. Fact is, we haven't yet had any down time due to Cross-Rib tires!

"Mileage? Well—we considered ourselves lucky to get 50- to 70-thousand original mileage on previous tires—but with Cross-Rib we get up to 125 and 150 thousand BEFORE RECAPS!

"Yes – what with increased original mileage – increased recaps – and new lows in down time – Cross-Rib has cut our operation's tire costs MORE THAN HALF!"

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Flight-Tracker radars help safeguard aircraft in every stage of flight. They detect and track planes in any weather-even in storms-pinpoint position of four-engine transports up to 200 miles distant, at altitudes up to 70,000 feet.

This new equipment, designed and built by Raytheon, will speed schedules, reduce airlane congestion. By readying the skyways for the Jet Age, Raytheon helps solve a major U.S. transportation problem-air traffic control.



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# TIME



WITNESS GOLDFINE & AIDES BREORE HOUSE SUBCOMMITTEE®
Coming: more trouble for Bernard and all his friends.

THE NATION

High Cost of Convenience

In a brief three or four days after Presidential Assistant Sherman Adams' dealings with Boston Operator Bernard Goldmewer first brought to light. President Eisenhower had a chance so accept or demand Adams' resignation and preserve the "bound's tooth" moral standards of the "bound's tooth" moral standards of keep New Hampshire-Man Admas principally for reasons of convenience: "In meed him" Clanz, June 20. Hy this week the cost of convenience had risen prohibitively high.

In accepting Adams' explanations, the President, whether he liked it or not, automatically went bail for Adams' faith in Textile and Real Estate Millionaire Goldfine. Adams' friend and benefactor. That done, the Administration was stuck with whatever Goldfine might really turn out to be, What Bernard Goldfine turned out to be in his testimony last week before the House Special Subcommittee on Legislative Oversight (see Investigations) was a cheap and devious character-a fast man with a buck, whether to manipulate the financial fortunes of his numerous mills and real estate holdings or to distribute gifts to public employees, mostly little, who might do him some good in his chronic run-ins with Government.

Having Bernard Goldfine hung around its political neck was not all the Administration paid for convenience. The ethical standards applied to Sherman Adams now had to be applied to Sherman Adams now had to be applied to Issuer Government employees. Last week's hearings revealed that two secretaries, one of them a secretary to Adams show worked within; 5 feet of the President's deskt, had received Goldhen cheeks: ranging from \$5; to \$75. They could hardly be fired, indeed, they could hardly be grimmanded—least of all by whom Goldfine had done better. The Administration, was on a hook, partly by deliberate choice. And there no longer seemed to be any case way to get diff it.

### INVESTIGATIONS

Bernard Goldfine's Two Faces From two days of testimony before the House Special Subcommittee on Legislative Oversight last week emerged the two faces of Bernard Goldfine. The first face, carefully shaped by lawyers and flacks (see box next page), was that of a humble, eager-to-please immigrant who had come to wealth and awakened astonished one day to find his name "in the newspapers all over America because of gifts and hospitality to a friend of almost 20 The second Goldfine told more about how he had become a millionaire in Massachusetts' tough, no-quarter textile and real estate world; that face was angry, the voice hard, the attitude belligerent, the answers evasive. And at week's end it was hard to say which Bernard Goldine had most hurt his greatest friend. White House Staff Chief Sherman Adams.

The first Goldfine, groomed in a dark blue suit and B.G. 'antitaled blue silk use walked into the packed subcommittee hearing roam chin up hat eve downcast, devoted employees and jeweley-hung wife. When Subcommittee Chairman from Harris administered the oath. Goldfine help-besty mouthed words, descreed a consistency of the packed of the control of t

honest man.

Beyond Paper Work. "I was born 67 sears ago in a little town in Russia, Avanita, Russia, and I came to Australia.

"My hussiness today is a family business, which makes good jobs for 1,200 people, including my two sons. Solomon and Horace, who are right here in this room."

Going on from there, with many-a bornely yearding and my actach in the throat.

¶ Spoke proudly of his long friendship with Sherman Adams, who shared his faith

\* From left around table facing the subcommittee: Secretary Mildred Paperman, Lawyers William Porter and Roger Robb, Goldfine, Lawyer Sears.



#### GOLDFINE & McCRARY

# "YOU WILL BE GREAT!!"

# Lawyers & Flacks Made Goldfine a Production

PRINTED in block letters with bright red pencil at the top of the first page of the statement read last week by Bernard Goldfine to tee on Legislative Oversight were the encouraging words "YOU WILL BE GREAT!!" Author of the inspirational message: Manhattan Pressagent (and TV Performer) John Reagan ("Tex") McCrary Ir. Co-author: Washington Lawyer Roger Robb. If nothing

else, the words reminded Goldfine that he had behind him one of the gaudiest retinues of lawyers and flacks in the whole history of congressional investigations. This is how the retinue operated-and what

it did for and to Bernard Goldfine:

The basic facts and figures of Goldfine's colorful life and complex business dealings were assembled by Boston Lawyer Lawrence Cohen and New York Lawyer Lester Lazarus, both Goldfine regulars. The information was polished in statement form by (1) Boston Lawver Samuel Sears, dropped in 1954 as counsel to the Senate subcommittee investigating the Army-McCarthy fracas after it was discovered that he had made statements highly favorable to McCarthy, and 21 Washington's Robb. attorney for ousted Air Force Secretary Harold Talbott, for ousted Federal Communications Commissioner Richard Mack, and Government attorney in the successful 1954 ouster action against Atomic Physicist J. Robert Oppenheimer. Also helping write the statement was Sol Gelb. onetime assistant to New York District Attorney Thomas E. Dewey, and latter-day attorney for Teamsters Boss Jimmy Hoffa, Gelb, an expert at crossexamination, spent hours shooting at Goldfine the sort of questions the House subcommittee might ask. "No Fee-For Free." It was Lawyer Robb who laid

down the major strategic lines: 1) make Goldfine appear as a simple, innocent, underdog type being persecuted by a powerful congressional subcommittee, and 2) permit Goldtine to answer only those questions that related, directly and demonstrably, to his relationships with the Federal Trade Commission, the Securities and Exchange Commission, and Sherman Adams. On paper, the plans looked good -at least to their authors. In practice, they exploded in

some wildly improbable directions.

First off, onto the scene hove Tex McCrary, husband of sometime Actress-Model Jinx Falkenburg, and a moneymaking operator who shrewdly combines his TV-radio work with his publicity business. Tex already had sent one of his vice presidents. William Safire, to Boston for a three-hour interview with Goldfine to get "the feel" of his personality. In Washington, McCrary allowed that as an old Sherman Adams friend he had come at the beck of Lawyer Robb to help Goldfine on a basis of "no expenses, no fee-for free."

McCrary put Goldfine through his paces on the prepared statement. While Goldfine read. McCrary "scored" script, underlining with his red pencil the words that were to be "punched," i.e., emphasized; in the hearing Goldfine merely yelled every time he came to such a place. McCrary also noted that Goldfine's voice tended to crack every few minutes. At strategic intervals, therefore, McCrary wrote into the script the words: "Glass of water," (In the hearing room there were no glasses, only floppy paper cups. ( Again, McCrary inserted stage directions telling Goldfine when it was time to produce props for the subcommittee. Example: a gold Le Coultre wristwatch he received in 1953 as a present from Sherman Adams -a singularly unfortunate choice. since Goldfine had long made a habit of producing the watch (inscribed "S.A. to B.G.") to impress strangers, including those with whom he was having business dealings.

The night before Goldfine was to appear before the subcommittee, in Room sox in Washington's sedate Sheraton-Carlton, he recorded and filmed parts of his statement for radio and television, with McCrary on hand to yell "Take One," "Take Two" and "Take Three," The Goldfine statement was released for seven o'clock the next morning, three hours before he was to testify-a fact which infuriated the subcommittee because it 1) was impertinent and improper, and 2) beat the subcommittee to the early headlines.

'Don't Talk. Not a Word." That night in the Sheraton-Carlton, Goldfine's handlers again put him before television cameras-with trimmings. Newsmen were invited to the hotel, where liquor and caviar were waiting (Goldfine picked up the tab, but he and his lawyers declined to say if it would be written off on his tax returns). Goldfine was nearly an hour late, so Publicist McCrary presided, still explaining that he was not going to make a red cent out of his efforts next day. McCrary withdrew from the Goldfine team). Finally, Goldfine entered the steaming room, along with his wife and son Horace, 36.

McCrary ran Goldfine through a voice test of a statement prepared for radio and television. Then reporters tried to ask questions, "Wait a minute," roared Lawyer Sam Sears, an unlit cigarette dangling as always from a corner of his mouth, "Don't talk. Not a word," Goldfine stood silent, looking embarrassed. A reporter got scolded by Sears tor insisting on questions. Snapped the reporter: "I'll say what I damn please," Then Goldfine read his statement for the actual filming (Tex McCrary had neglected to remove an empty highball glass and a used Old-Fashioned from the table). Goldfine muffed his lines, had to try again, "A little smile," urged son Horace, Goldfine smiled-a little.

When Goldfine finished, reporters tried again, Began one; "Why wouldn't you . . ." Up jumped Horace crying: "He's playing games. He's trying to get you to talk." Asked a newsman. "Where did you get those rosy cheeks?" That was one Goldfine could answer: "I do a lot of walking, That was enough for Sam Sears: out the door went Goldfine, Was he afraid to let Goldfine talk? Growled he: "Not a damn bit." And from down the hall, past his doggedly trailing retinue, came Bernard Goldfine's last word: "Goodbye."

SOL GELB



ROGER ROBB



HORACE GOLDFINE





in the industrial future of New England, On cue during the reading he removed a gold wristwarth, passed it to the committee—"providing I get it back. Said he: "The watch I am wearing now, on the lock of it is written to B.G.—"hat means Bernard Goldine—"from S.A.—that's Gorger S.A.—that's is the inauguration date. President Eisenhover was inaugurated."

¶ Complained that "this whole miserable misescene of character resulted from the vengeful attitude of John Fox, former publisher of the defunct Boston Poxt TTME, July ? 1—and all because Goldfine had demanded payment from Fox of a legal debt. Said Goldfine: "It's not pleasant to have to talk about Mr. Fox because the seems like a sick man to me. He's

crange like a fox."

¶ Duckede responsibility for all the legalsons that had landed him in trouble with
telerial regulatory squencies. "Paper work
telerial regulatory squencies." Paper work
that responsibility, he tossed into the lap
of taithful. longtime Secretary Mildred
Paperman seated near by at the hearings.
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"After all, I am on at honkeeper. Alse is,
edly told the subcommittee that Miss
Paperman could supply some of the answers it wanted. Miss Paperman indiced
tried to pipe up with the answers. And
Galdfine Lanyer Robert Robb districtly
Galdfine Lanyer Robert Robb districtly
keep quiet." — Keep quiet. Keep quiet.

I Blamed "politics" for his troubles with like to meet important people. Is that so had? In the country where I was born, it took two or three generations for a 'poor man' to get to know important people . . . Nor did I ever realize that it was evil to be generous. Perhaps I do give gifts to tho many people, but if I do, it is only an expression of my nature." Another expression of Goldfine's nature came later when he tried to heat the House subcommittee to the punch by admitting to reporters that his gifts, including hotel expenses of more than \$2,000, a vicuña coat and an Oriental rug to Sherman Adams, had been listed as tax deductible by Goldfine companies-i.e., legally valid if some "ordinary and necessary" benefit or advantage

4] Admitted that Sherman Adams had arranged an appointment for him to talk ower his wooden-mill difficulties with the chairman of the Federal Trade Commission, but denied that Adams had exercised any influence with these giant federal agencies where a little man gets lost without some kind of guidance from a feitner.

¶ Recalled telling Adams in late 1955 or early 1936 that his real estate holding company, the East Boston Co., was "really heing picked on" by the Securities and Exchange Commission but denied that SEC pressure lessened as a result. Goldtine denied flatly and specifically that Sherman Adams had ever got him lavora-



"WELL, BLESS MY SOUL. AN UPTURN" ble treatment from Government agencies: "Mr. Chairman, I think you know Gov-

ernor Adams is not that kind of man. And neither am I."

Sonto Clous. The subcommittee had other ideas. When Goldfine finally finshed his laborious script-reading, the questions came furiously. Counsel Robert

other (deas. When Goldline finally finished his laborious script-readint, the questions came furiously. Coursed Robert W. Lishman sked Goldline if: as ordered, he had brought along the records pertaining to 8776/879.16 in treasurer's and cashier's checks® purchased by various Goldline-controlled companies since 1741—and still uncashed as of last May. 7

No. Goldfine had not brought the records. What was more, he would refuse to

G. The name of a bank official, not of the person actually forefine the full appears on both treasmer's and cashier's effects. As Tashman war, and cashier's effects, As Tashman war, pagest Marrows and theels have one time limit on them, as opposed to ordinary checks, which are arrably bounced and they are in the tashed number possibility that the checks find fore relevant to public officials value may have possibly been use include in come forward and proposed to the contraction of the contraction of the thorough the contraction of the con



SNUG AS A BUG IN A RUG

answer questions about them on grounds of irrelevance. Then Lishman tackled Bernard Goldfine head on: The checks were relevant, he said, because the subcommittee had "incontrovertible proof" that similar checks had been given to 30-plus Capitol Hill employees, Among recipients of the checks, ranging from \$25 to \$150: Laura Sherman and Helen Colle, both White House secretaries under Sherman Adams: Eugene Kinnally, the administrative assistant to House Democratic Leader John McCormack of Massachusetts (Kinnally later said that Goldfine had given him only a basket of fruit; and several past and present employees of New Hampshire Republican Senator Styles Bridges, a longtime Goldfine friend.

As Lishman handed Witness Guldine his of names, lawyer gathered around Guldfine like trainers around the star quarterback who has just broken his leg—and Guldfine soon came up with a fractured-sectience explanation: "At Christmas time these are all theels that of the pure waters who work of the pure waters who work in different offices at Christmas time." He added: "If that is something that is bad, I would

like to be told about it." Right & Wrong. With Goldline refusing to add information about the rest of the \$776,000-plus. Counsel Lishman changed subjects. In his prepared statement. Goldfine had said flatly: "The first difficulty that any of my mills ever had with the Federal Trade Commission was in November 1953 . . . Neither I nor anyone else in our companies had had prior experience with the FTC in matters of this type," Goldfine's point, crucial to his case was that when the FTC accused one of his companies in November 1953 of mislabeling its textiles, he was so bewildered that he went to Sherman Adams to find out what it was all about.

But Lishman's questioning made it plain that Goldline companies were old hands at mislabeling-and had so been charged. Goldfine companies had received FTC complaints in sheaves during the years 1942-1953-all about mislabeling their products, making them appear of higher quality than they were, Goldfine dismissed all these complaints as "minor matters" not likely to get to his leveland anyhow, not being much on paper work, he had known nothing about them. Finally, after further prodding, Bernard Goldfine began making a speech: "Mr. Lishman talked about cheating and everything else there . . . I think Mr. Lishman ought to confine himself to actual facts and not try to mislead people. It is not fair to me . . ." At that point Subcommittee Chairman Oren Harris, fed up with Bernard Goldfine in both his humble and insolent roles, broke in: "The chair will not put up with that con-

The hearing then broke up for the holiday weekend, with Bernard Goldfine, scheduled to return this week, proclaiming: "I'm looking forward to my return very much." So was the subcommittee.

### ALASKA

#### The 49th State

It was time for the Senate vote that could add a 49th star to the U.S. flag. Interior Secretary Fred Seaton, getting word that diehard opposition, mostly a steak dinner to Capitol Hill. Alaska's Governor Mike Stepovich excused himself to his dinner hosts, sped to the Capitol. The Senate roll was called, and the U.S. Senate last week voted on 131 Democrats, 33 Republicans) to 20 to admit Alaska to the Union. Barring only the foregone conclusions of a presidential signature and an Alaska referendum next

a crowd on its way to a hanging? Wait till the honeymoon is over and the taxes arrive . .

Even the most enthusiastic advocates of statebood realized that stern tests of responsibility had just begun. Along with the statehood referendum. Alaska will hold political primaries next month, elect two U.S. Senators, a U.S. Representative, a Governor and a secretary of state in November, Key job; the governorship, with great power under the new Alaska constitution, including that of some 200 pivotal appointments. Would G.O.P.-appointed Territorial Governor Mike Stepovich (Time. June 9) make the grade at the polls? He is popular enough even though

tling disputes. Last week the President also: Regretted, in a brisk reply to Nikita S. Khrushchev's letter of last month, Rus-



DRINKS ON THE HOUSE IN FAIRBANKS "Bigger than Texas, better than California-God's country."

month, the U.S. had its first new state since Arizona entered on Feb. 14, 1912.

Within moments after the Senate vote the news flashed 3,500 miles. Scores of homemade 49-star flags broke out across Alaska.<sup>9</sup> In Skagway, women paraded wearing embroidered badges: "Bigger than Texas. Better than California-God's Country." On the western shores. in Nome and Kotzebue, the populace torched big, bright bonfires that they hoped could be seen across the strait in Siberia. Even the anti-statehood Alaskans, mostly in Sitka and the capital city of Juneau, joined in the hell ringing and dancing.

Yet anti-statehooders still found time for apprehension about the problems ahead, e.g., new, higher taxes to pay for state services. Scoffed Anchorage's bewhiskered anti-statehood leader. John Manders: "Did you ever see anybody stop

6 Neither law nor custom bars flying 48-star flags or even 13-star flags. In 1010 President Woodrow Wilson gave the U.S. Navy responexecutive order, hand the problem to the Navy, which in turn may appoint a design commission.

Alaska is Democratic-minded. But if he fails, he can find comfort in his oft-repeated words of the past: "My hope is that I will be the last appointed Governor of Alaska."

He is that.

# THE PRESIDENCY The Long View

Halfway through last week's full-dress parade of political troubles, the President fielded two press conference questions on the nation's mission in the long-range struggle with Communism, Chicago Daily News's William McGaffin, quoting from a resolution by a national meeting of Presbyterians, braced Presbyterian Eisenhower on the moral question of U.S. help to countries "where human freedom is can dictatorships.

"One of the first principles that any military man must remember in conducting this struggle," replied Ike, "is that you must put your eye on the main danger. The main danger today is imperialist Communism, or Communist imperialism, The main danger is not from people who have embraced Communism and who are not part of the imperialist group. And it is not from a local man who is exercising power, maybe even in dictatorial fashion, at this moment. Now, I do not mean to say that we should ever forsake our ideals . . But when it comes to the great strug-

gle in which the world is now tied up, for my part. I will keep my eye on the main one, as I concurrently try to bring improvement in the other situations."

Next question came, a little apologetically, from the Des Moines Register's Richard L. Wilson. He wanted the President's view un Manhattan Lawver Grenville Clark's new book. World Peace Through World Law,\* which proposes setting up a world legal order by modifying the United Nations Charter, He had not read this latest Clark book, said Ike, but was familiar with other Clark writings in the same vein. Moreover, he and Secretary Dulles had discussed world-law prosnects "only within the last few days, I. myself, quoting my favorite author, wrote a short chapter to conclude a book that I wrote back in 1947 or '48 [Crusade in Europe, 1948], and in it I pointed out that there was going to be no peace, there was going to be no real strength among the free world, unless each was willing to examine its simple, sole, sovereign position and to see whether it could make some concessions, each to the others, that could make a legal or a law basis for set-

sia's cold shoulder of the slow negotiation sessions with Western ambassadors in Moscow on an agenda for a possible summit meeting, patiently pledged to keep on trying to find ways to get along with the

C Sent to Congress a bill of particulars on how he proposes to trade atomic military science with Britain under the rehe wrote. are "wasteful in the extreme.

Suggested, in talks with Dulles about his Independence Day visit with France's Charles de Gaulle (see Foreign News). that the U.S. could soothe French hurts atomic secrets by offering France an atomic-submarine engine.

#### THE CONGRESS Builder or Wrecker?

"Sometimes I just can't understand Congress." barked Dwight Eisenhower, smashing his fist against the table and glaring at the Republican congressional leaders who had come to the White House for their weekly conference. "I can't understand the House adding a couple of hundred millions I didn't want for defense spending, appropriating millions of lard for rivers and harbors—and then cutting

3 Co-authored with Professor Louis B. Sohn, published by Harvard University Press.



Louisiana's Passman With well-shaped shenonigans.

Veins bulging alone his left temple, the President poured down his warth upon the Democrat-dominated House Appropriations Committee, which had sileed \$872 million out of the Administration's \$873 million out of the Administration's \$874 million out of the Administration of

Horendous Buckhot, Next day in the House, the Democratic leaders with many a soaring declaration for foreign aid already on the record stood aside and let the appropriations subcommittee chairman. Curry the day for the funds cut on the House floor. As he engineered the cuts, Passman nervously crossed and recrossed his long leax, and the control of t

Spiking his debate with partisan references to "vicunia" and "Eisenhower recession," Passman—armed with an impressive amount of detail on the program —got away virtually unchallenged with horrendous buckshot charges. Sample: "The defense support part of this program in all probability has been repossible for more brilery, overpreing, countving and friends of officials in fureion nations than any program ever conceived by the mind of man,"

Obvious Answer, New York Republican Taber, an old hand at cent-counting, argued that armed foreign troops can defend their homelands far cheaper and hetter than expensively armed (\$3,500 to Sanon each U.S. troops. But such sound answers were swept under plies of Passman detail. 19, columns of it quoted from his own hearings. Despite the President's press-conference claim that, by his "unsersonference claim" that the president his conference claim that, by his "unsersonference claim" that the president his conference claim that, by his "unsersonference claim" that the president his conference claim that, by his "unsersonference claim" that the president his conference claim that, by his "unsersonference claim" that the president his conference claim that, by his "unsersonference claim" that the president his conference claim that, by his "unsersonference claim" that the president his conference claim that the president his conferen

The Administration hopes for bester things in the Senate. Republican Lead-ers. William Fife Knowland and Style Bridges say that they will launch a drive to restore the most serious cuts. But they cannot do it without Democratic help, cannot do it without Democratic help, remote would be built on the House abernaigans, which gave a clear, sad answer to the question propounded by Passman thinself when he opened the debate:

Am I w builder who works with care, measuring life by the rule and square, Am I shaping my deeds to a well-made

plan, patiently doing the best I can? Or am I a wrecker who walks the town, content with the labor of tearing down?

# FOREIGN RELATIONS Dealing with Kidnapers

The State Department resembled a police missing persons' lureau last week, as U.S. diplomats from Santiago de Culas to Berlin to Mascow grappled with a new outcrop of organized diplomatic crime. The problem: organized kidnaping of U.S. citizens overseas—47 in Cuba. nine in Russia. nine in East Germany—to be held until the U.S. pays ransom in the form of diplomatic concession.

The U.S. lines of approach to the problem: 1; the U.S. will not pay. "blackmail" to get the Americans out, and although 2; the U.S. does not intend to use force to get them out 3; the U.S. hopes to convince the kidnapees through patient diplomatic negotiation that kidnaping is "counterproductive." i.e., hardly puts Americans in the mood for any kind of concession.

"We are trying to get live Americans back," said President Eisenhower at his press conference last week. "We are not disposed to do anything reckless that would create consequences for them that would be final." The state of the State Department police blotter last week:

Cuba. Forty-seven Americans—30 stallors and marines. 17 civilians, most of them sugar and nickel company-employees— -wever counciled up in eastern Cuba and rullas headed by Raid Castro, left-wine brother of Cuba's Rehel Boss Field Castro Ger HRMISPHERED. U.S. Consul in Santiano de Cuba Park Wollam and Vice taken and the Company of the Company of the Company of the Company of the Life, talked with cuba Jerced into the Life, talked with cuba Jerced into the Life, talked with cuba Jerced into the promise that Americans would be let go, set up a Navy helicopter lift that began haufing out the prisoners a handful at

Russia. Nine U.S. airmen were arrested by the Russians in Soviet Armenia when their unarmed Air Force DC-6A transport straved off course on a tricky navigational leg of a routine bimonthly courier flight across Turkey to Iran (see map), trespassed in Soviet airspace, was forced by two Soviet fighters to land just inside Soviet territory, U.S. airmen wondered if powerful Soviet radio transmitters had not interfered with the relatively weak signal from the U.S. beacon at Vanand if the Russians had not set their rig up to fool the pilots, flying on top of an overcast, into crossing the frontier, Soviet propagandists began cranking up a new point to old charges at the U.N. and elsewhere that the USAF was launching "provocative" flights across the U.S.S.R. The State Department apologized for the violation of Soviet airspace, denied that it was deliberate, told Ambassador to Moscow Llewellyn Thompson to seek the airmen's prompt return. At week's end the Soviet government dropped off a note to Thompson to say that the U.S.S.R. 11 "takes into consideration" the U.S. regrets about crossing the border, 21 "expects" the U.S. to take "urgent and effective measures to prevent repetition.

East Germany, Seven U.S. Army artillery officers and two Army helicopter crewmen, kidnaped by the Russians and the East German satellite state when their helicopter came down in East Germany June 7, were produced by the Communists





EX-PRESIDENT HOOVER ARRIVING IN BRUSSELS® Neither pains nor pills, but warm advice,

for a surprise press conference in Dresden. On hand at the conference: a crowd of Communist newsmen and one lone Westerner. Associated Press Reporter Seymour Topping (see Press). Presumably the Communists hoped that by showing off U.S. servicemen in captivity they could prod the U.S. public into prodding the U.S. Government to pay a high soldiers ransom. The ransom, openly demanded through spokesmen for the Russians: U.S. recognition-actual or implied-of Communist satellite East Germany as a diplomatic equal.

Instead, these U.S. soldiers on the Cold War beat-all Army careermen-put on just the kind of on-the-spot performance that made all the police-blotter calculations back home seem worthwhile. Said Army Major George Kemper into the Communist microphones: "They are holding us as political hostages. We are being used as tools." Other Army men shouted at the Communists: "You're kidnapers! And when, in a quiet moment, the AP's Topping told the Army's Kemper that the U.S. was 11 demanding his men's release but was 2) refusing to pay the ransom of recognizing the Red satellite. Major Kemper grinned. "That's enough for us." he said. "You can tell them that we'll sweat it out as long as it takes."

#### House Guest

In the small Circarama theater in the U.S. pavilion at the Brussels World's Fair, a white-haired man sat expressionless arms folded, as the circular screen showed movies of U.S. great scenery and U.S. great works. It was the Fourth of July. Suddenly, when the screen showed an aerial view of scarred old mountains and a broad lake and in the midst of them the Colorado River's gleaming Hoover Dam, the old man acknowledged the applause of a small group of Americans standing around him. Thus was Herbert

Clark Hoover. 83. happily reminded of his days as President of the U.S. (1929-33) as he served his Government still another time as President Eisenhower's personal representative at the U.S. National Days at the World's Fair,

But Herbert Hoover had also gone to Brussels, in a sense, as an honored house guest of the Belgian people. He went first to Brussels in 1914, a distinguished engineer, as head of the Belgian Relief Commission, which helped save the Belgian people from starvation in World War I. And it was in his role as a house guest even more than in his role of presidential representative that Herbert Hoover was able. as he delivered a formal Fourth of July address in the Grand Auditorium that night, to command attention and respect with a sentence: "I would not be your

friend if I did not speak frankly now Begcon in the Tower, At 83, and just two months away from a gall-bladder operation. Herbert Hoover moved about a little stiffly but the trip to Brussels was. in fact, just another event in a still-crowded life, "You should not retire from work." he said in 1956, "or you will shrivel up into a nuisance . . . talking to everybody about your pains and pills and income tax." In his apartment-office in Manhattan's Waldorf-Astoria Tower, Herbert Hoover keeps busy up to 16 hours a day, keeps two of his three fulltime secretaries on hand seven days a week. He has just published a thoughtful biography and tribute to his onetime chief. The Ordeal of Woodrow Wilson (TIME, April 281, is now working in longhand on a series of five other books called Forty Years of Fighting Famine. He puts in an astonishing amount of

time and energy on activities ranging from The Boys Clubs of America to Keep \* Greeted by U.S. Ambassador John Folger,

Belgium's Prince Albert,

America Beautiful Inc. (antilitter), on steady promotion in public speeches and statements, in private conferences and dinners, of the reports of the Hoover Commissions of 1947 and 1953 on streamlining Government operations.\*

Danger in Discouragement, He had put much thought and time on his Brussels speech, had, in fact, cleared it with the U.S. State Department. Specifically he concentrated on two basic misrepresentations about the U.S .- sedulously fostered by Communist propaganda-that underlie much of the anti-Americanism in the world today.

Misrepresentation No. 1: that the U.S. economy is oppressive. Hoover elequently defended "our system of regulated economic freedom . . . its built-in impulses of initiative, energy, ambition and opportunity," with its 70-year-old antitrust laws that safeguard "the fundamentals of fair and open competition.

Misrepresentation No. 2: that the U.S. is imperialistic. Hoover noted simply that the U.S. had strengthened freedom in Latin America since the Monroe Doctrine, in Cuba, the Philippines, now in Puerto Rico. He noted that the U.S. had fought in three wars in the past 40 years without asking "for an acre of territory.

"These misrepresentations and this propaganda are inciting physical attacks upon American citizens, upon our officials, and abuse of our country," said he. "They discourage the American people and increase opposition to cooperation with other nations in maintaining defense and in aiding relief from poverty and want. Forty years ago such attitudes contributed to the retreat of the American people behind a barbed wire entanglement around the Western Hemisphere. I have little fear of such a retreat today. But the danger signal is up.'

That service performed, Herbert Hoover concluded gently with words that sprang from the deep wells of his long life, "We must unceasingly strive by all peaceable means to make the world safe for representative government. From representative government alone can come respect for your dignity as men and women. your flowering as individuals, your right to a rising chance in life, to selfexpression, and to security from sodden uniformity. May God bless you all."

#### THE SUPREME COURT Help for N.A.A.C.P.

. . . nor shall any State deprive any person of life, liberty, or property, without due process of law . .

-Fourteenth Amendment

In the South's fight to knock the National Association for the Advancement of Colored People out of business in Dixie. one of the hardest punches was a \$100,ooo contempt-of-court fine levied in 1956

\* Acceptance rate to date 1947 commission report 72%; 1053 commission report 53%. A current Hoover idea a new office of Administrative Vice President of the U.S.

against the Alshama N.A.A.C.P. Offense: refusing to obey a court order to hand over membership lists as evidence in the state government's still pending suit to har the N.A.A.C.P. from operating in Alsbama. Turning over the lists. protested the N.A.A.C.P. would expose members to harms sure the state of the state of the state of the harms are the state of the state of the state of the state of the harms sure of the state of the s

Last week the Supreme Court manimonaly struck down the Alabama contempt conviction as a violation of the constitutional rights of NA-AC. In memhers, Said the opinion, written by Justice John Marshall Harlam, "Treedom to enof beliefs and ideas is an inseparable aspect of the "liberty assured by the Due Process Clause of the Fourteenth Amendment. . Inviolability of privacy in group association mey in many circumform of freedom of association."

More important to the N.A.A.C.P. than the \$100,000 was the decision's firmness in blocking, not just in Alabama but in all Southern states, all attempts to enfeeble the N.A.A.C.P. by forcing it to hand over

its membership rolls.

The Supreme Court also refused to review U.S. District Judge Harry J. Lemley's order granting the Little Rock school board permission to suspend racial integration at beleaguered Central High School until 1961 (TIME. June 30). In its haste to get a final ruling before Central High reopens in September, the N.A.A.C.P. had carried its case straight to Washington without waiting for a Court of Appeals decision. Supreme Court policy, seldom breached, is to refrain from reviewing lower-court decisions until the Court of Appeals has its say. But recognizing the "vital importance of the time element." the Supreme Court urged the Court of Appeals for the Eighth Circuit (St. Louis) to "act upon the applications for a stay or the appeal in ample time to permit arrangements to be made for the next school year."

# LABOR

### Jimmy Rides Again

Undaunted by explosive revelations of the McCielian committee investigations, unscathed by three recent courtifials and small-bore insurgency in his organization, unabashed by proven connections with agnaters both in and out of his heavily muscled union. Teamster Boss James Riddle Hofia bounded confidently into Washold Hofia bounded confidently into Washstroke of his fist, made the whole U.S. labor movement sit up and take notice.

Hoffa's fisty proposal; a conference, to be held next month; of leaders of some 50 transportation unions, whose membership runs to 3; million. His aim: confederation of transport workers who cover the air; the cilitods and even the underground. Such a powerhouse group; if or ganized in the Hoffa manner, would be a serious threat to George Meany's A.F.L. C.J.O., and Would create a union monopoly that could conceivably pull the switch on the U.S. economy at the whim of James Riddle Hoffa.

"Any Time, Joe." Jimmy announced the plan after meeting with two strongmen in the transport business: Joe Curran. 52. lantern-jawed, battle-scarred boss of the seamen's National Maritime Union (membership: 40.000), and Captain (tugboat) William Bradley. 55, paunchy president of the evil-smelling International Longshoremen's Association (membership; 52,000), which was thrown out of the A.F.L. five years ago. The three men kicked off the master plan by signing a "conference" pact for the purpose of "discussing and settling jurisdictional disputes, matters of mutual concern and matters affecting progress and stability in the transportation industry." Among those who will be invited to attend the August meeting: Red-Lining Harry Bridges. hoss of the West Coast's International Longshoremen's & Warehousemen's Un-



TEAMSTER Boss Hoffa
The king was in the powerhouse.

ion. Paul Hall, president of Joe Curran's rival outfit, the Seafarers' Union, New York subway union's Mike Quill.

Appearing at a press conference with Hoffia and Bradley, Jee Curran, a strong-willed adversary of A.F.L.-C.I.O. Presison and a member of the A.F.L.-c. and the strong of the A.F.L.-c. and the strong of Hoffia and his consense of the strong of Hoffia and his cemanters last September, allowed bindly that the new pact "has no Bearing what-sweer on the feelings of one member of a union for another. Anyway, talto, and the strong of the st

"The Teamsters." said Hoffa jubilantly. "attach sufficient importance to this |conference| that the cost will be underwritten by them if necessary." Grinned Jimmy: "Any time you're in crouble. Joe. we've got the money." Replied Curran: "Any time you're in trouble, Jimmy ..."

Stuffed Pockets. The fact is that Jimmy can take care of his own troubles. Acquitted fortnight ago by a Manhattan federal court of charges that he conspired to tap the telephones of his fellow Teamster executives. Tough Guy Hoffa is gaining new strength day by day. Teamster membership is up (to more than 1,500,oco), and Hoffa is setting up deals right and left with A.F.L.-C.I.O. unions, such as the brewery workers, butchers and carpenters, the effect of which is to undermine the strength of the A.F.L.-C.I.O. He even has in mind calling a new Teamster convention so that he can divest himself of the three court-appointed monitors who are presiding over the promised Teamster cleanup, which is still in the promise stage.

His pockets thus stuffed with pacts, promises and big dreams. Holfn, by his actions last week, made all the more prophetic the words of the McClellan committee report of 10,8% Extraordinary power, "now lodged in the hands of a man such as Holfa. [18] tragic for the Teamsters Union and dangerous for the country at large." And for James Riddle Holfa, this was only the beginning.

# POLITICAL NOTES A Feud in the Desert

The political climate in Utah (pop. 860,000) rarely crupts in thunderstorms visible beyond the border. But for three years, chain lightning has crackled between snow-capped Senior Senator Arthur V. Watkins and volcanic ex-Governor J. (for Joseph) Bracken Lee. Watkins cannot forgive Lee a long record of sheer perversity-outspoken criticism of President Eisenhower, opposition to federal income tax, foreign aid, federal aid to education and Arthur V. Watkins. Lee cannot forgive Watkins for having openly supported a Republican candidate in 1956 who beat Lee out in his bid for an unprecedented third term. After his defeat Bracken Lee holed up in private life as national director of For America, an overstuffed lobby group as far to the right in its principles as Lee. This week, to the surprise of no one, Lee, 58, announced he is gunning for 71-year-old Arthur Watkins' seat

the the inhorn shreedness of the feader Bracken Lee has carefully selected his ground. He will run as an Independent, out of reach of disapproving Republicans at the state convention and the primary election, but accessible to Democrats of a mind to stop Watkins by stepping across the party boundary at primary time to ties, and Lee impartially in announcing his independent candidary. "Stand for and support the same policy of high tax, waste and givenay programs."

To get an exact measure of the effect of Maverick Lee's intervention. Utahans will have to wait until the November general election. Even admirers of the Lee brand of political intransigence give him only an outside chance at best of beating Arthu Watkins.

#### THE BUDGET

#### The Rains Came

A federal red-ink splash "of the order of \$10 billion," said President Eisenhower at his press conference last week, lies ahead in the newborn fiscal year of 1959. It was a rueful admission for a President who had pledged himself to balanced budgets as an essential goal, and who half a year ago submitted an optimistic 1959 budget showing a \$500 million surplus.

One big reason for the dizzving switch from surplus to massive delicit had nothing to do with either cold war or recession; it was the further bloating of already swollen farm programs. As of January, the Agriculture Department was planning to spend a whacking \$5 billion for the fiscal year, largely in efforts to cope with surpluses that are encouraged by high price supports (Time, Aug. 19). But abundant spring rainfall brought lush crop prospects, notably in the long-parched Great Plains, and the department's outgo estimate mushroomed to \$6 billion-more than twice the combined outlays of the State, Justice, Interior, Commerce and Labor departments. In a rational world. good crop weather ought to count as a national blessing, but under the archaic. surplus-spawning price-support laws, it only serves to boost the already scandalous cost of subsidized farming by another billion dollars.

Is there any prospect of a balanced budget in fiscal 1960, beginning a year from now? In reply to this pressconference question, the President said that he expected the deficit to "diminish" in 1960, but that it would take an "awful shrinkage" to bring \$10 billion down to zero, In short: no.

# THE ADMINISTRATION

#### The New Influence

So smoothly and quietly as to be barely detectable, the U.S., over the past three or four months, has considerably modified its policy on willingness to try for a workable agreement with Russia on ending nuclear weapons tests. U.S. policymakers were solidly committed to one disarmament package: tests could not be stopped unless nuclear-weapons production was siarms were cut down. But last week a U.S. scientific delegation sat down peaceably with a Russian scientific delegation in Geneva to discuss the feasibility of nuclear test inspection systems (see Foreign News), Secretary of State John Foster Dulles had ringed the meeting with the warning that the results would not bind the U.S. on any next steps, but the mere fact of the session was important evidence the U.S. Government.

The new influence: Dr. James Rhyne Killian Jr., 53, for nine years president of Massachusetts Institute of Technology. since November the President's special assistant for science and technology, Almost daily, he pops in and out of the President's office or on and off the President's private telephone line. More and more, the President holds off proposals with a "Let's see what Jim thinks about this." Among the most meaningful scribbles on official memorandums is "Killian has no objections." At a recent press conference, the President, asked whether the U.S. ought to get a Cabinet-level department of science, said he thought not, but that "one of my appointments today is with the advisory committee under Dr. Killian, and if I thought there was any need for | such a department |. 1 should refer it to him at once for a study, a complete study.

Balanced Panels, Much of Jim Killian's influence derives from the need that the President and the nation had for such



PRESIDENTIAL ADVISER KILLIAN Into a high-level ear.

a man when he went to Washington last fall. The Communists had put up Sputnik I, and the editorialists were crying for a Science Czar," Dr. Killian got the headlines, if not the specific job, He added to his influence at once with a shot of his old M.I.T. organizational energy. He expanded membership of the President's Science Advisory Committee from twelve to 17. to set up 20 or so panels to study space programs, scientific education, missiles, translations of Russian documents, anything relevant to science. Before long he had generally set off a ferment of excited scientific mind-rubbing. The scientific community did not miss

the point that Killian bolstered the Washington standing of many of Physicist J. Robert Oppenheimer's friends and followers, who had had some trouble finding a high-level ear since Oppenheimer's secu-Killian carefully balanced the politics of his panelists, then strongly warned them never never to let political viewpoints influence scientific judgments.

New Argument, But in his own key strategic role of scientific pipeline to the President. Jim Killian could obviously impose no such tight rule on himself, "He tries to provide scientific facts," a friend says, "but he also has to explain the implications of a technical fact." And when he stepped into the argument about nuclear tests. Killian moved into policy at

At the President's invitation, Killian mustered up a panel of scientists to study what was actually a defense question Would it be militarily safe for the U.S., given international inspection, to try for an agreement to stop nuclear tests? After six to seven weeks, the Killian panel answered the question: yes. Killian agreed that small underground test blasts probably could not be detected and highaltitude test blasts possibly could not be detected, as the Atomic Energy Commission's Lewis Strauss and Physicist Edward Teller had warned. But Killian moved the whole debate to a new stage when his technical evidence led, despite these drawbacks to the conclusion that it would still be relatively safe for the U.S. to have a try at an agreement to stop tests, with mutual inspection.

One immediate result: the President and Secretary of State Dulles decided to try the diplomatic gambit of technical talks with the U.S.S.R. at Geneva.

Wary Doubters. Thus far. Killian has generally stayed out of the headlines, and he has declined, as a member of the President's staff, to testify before Congress. He is one of the hardest officials in Washington for reporters to see. But his opponents are beginning to get his range, Some top-ranking Pentagon civilians-as well as the military-believe that ending puclear tests would hinder the development of new strategic deterrent weapons-the Navy's Polaris, the Air Force's Minuteman, and others. Also they believe that test stoppage would, at a critical time. stop the research needed to develop such vital defensive weapons as the Air Force and Army's anti-missile missiles to protect U.S. cities, the Navy's antisubmarine nuclear depth charges.

Some AEC experts believe that the Russians' ability to conceal certain highaltitude and subterranean tests would give them a chance for a risky amount of covert progress in weapons development. Some State Department officials present cogent doubts about the principle of committing the U.S. to a hand-tying agreement not to test future nuclear weapons that might turn out to be necessary to

But the doubters of the new Killian influence inside the Eisenhower Administration have learned to be sure of their arguments before they speak, because, as never before, their doubts are likely to be banished by harsh experience, Killian's independent agency has 1 intelligence facts and figures at its fingertips, and 20 the

# FOREIGN NEWS

# WESTERN EUROPE

Tale of Two Cities

The centuries-old relationship between London and Paris has had more had than good moments, and even in its present phase of partnership is marked by each nation's fear that the other will become either too strong-or too weak. For the past five months London has been eying Paris with especial nervousness. As senior man in office. Prime Minister Harold Macmillan had every right to expect that new Premier de Gaulle should make the first visit to him in London, Instead, last week. as a gesture of good will. Macmillan flew to Paris. Obviously pleased, protocol-conscious General de Gaulle, who rarely leaves his own office when he is in Paris, drove out to the airport in his shiny new Citroën DS 19 to greet his English visitor

Long suspicious of De Gaulle's fondness for grandeur, the British government early decided that it preferred him to a government run by paratroop colonels or to the old harebrained parliamentary system, which proclaimed its loyalty to the Atlantic alliance but was often a drag on it. Some British officials nonetheless feared that he might renew his vision of France Alone, and try to negotiate separately with the Soviet Union.

Getting Together. Over port and whisky at Paris' Hotel Matignon last week, the two Prime Ministers reminisced amiably about their World War II experiences in North Africa. When they got down to business, the British were pleased by

MACMILLAN & DE GAULLE Two lands in firmer hands.

De Gaulle's grasp of what they consider present-day realities. He seemed aware that France was not pulling its weight in NATO, but wanted to exact more say for France in Atlantic councils as his price for more cooperation. The British listened with what diplomats call sympathy (concealing their private misgivings) to De Gaulle's insistence that France has a "vocation" to become a nuclear power. They tried to suggest, from their own experience, how costly nuclear weaponry could get (De Gaulle, in talks with John Foster Dulles later in the week, counted on the U.S. to help out with know-how and materials). Apparently British "sympathy" was mistaken for support. MACMILLAN: YES TO FRENCH A-BOMB, crowed the Paris-Journal, to the discomfiture of the British delegation

But the British also returned to London reassured by the atmosphere of the French government, concluding that this change was well worth the price of a more difficult and demanding ally.

Change in Fortune, For Harold Macmillan himself, the trip to Paris was one more indication of a change in his own personal fortunes. In his first year in office, after inheriting Sir Anthony Eden's debacle at Suez, he was regarded by many as a stongap Prime Minister, grabbed out of the Edwardian era. His debonair manner annoyed as many as it pleased. Three months ago, scarcely a Tory could be found who looked upon his party's future with anything but dread. Insiders respected Macmillan's parliamentary skill, but the image did not get over to the country. Now the British press is full of praise for able, self-contained Harold Macmillan, He was applauded for his personal triumph in the U.S., his handling of the Cyprus debates, his successful policy of waiting out the London bus strike, and for two recent TV appearances that established an image of a confident and high-spirited leader.

The steady decline of Tory strength in by-elections seems at last arrested. The Labor opposition has shown itself sterile in and uncertain in leadership. One by one the Tory Suez rebels have been drifting back, and the latest Daily Express poll showed that while only 48% of those questioned last February were "satisfied with Macmillan as P.M.," the figure now stands at 52%. If Macmillan keeps up. the Tories may well be able to look forward to a 1960 election with something other than dread.

In both London and Paris, management seemed to be in firmer hands.

# YUGOSLAVIA

#### When Soldiers Meet

There was another meeting of minds last week in Europe-between the Mediterranean world's two leading neutralists. Steaming up the Adriatic aboard ex-King Farouk's former pleasure boat (now renamed Freedom), Egypt's President



NASSER & TITO Two pros in neutral clothes.

Gamal Abdel Nasser arrived last week at the beautiful Yugoslav seaport of Dubrovnik, accompanied by his wife, three sons and two daughters. Yugoslavia's Communist Marshal Tito, an old pro among neutralists, was patently pleased to have the hero of the uncommitted Arab masses dropping in just when the Kremlin was waging such heavy propaganda war on Tito

Family Party. Resplendent in white from the peak of his fedora to the toes of his buckskin shoes, Marshal Tito was at dockside to pump Colonel Nasser's hand. Handsome Mme. Tito. buxom in blue silk, embraced Nasser's wife. Bands and cannon boomed. Then, past an honor guard on a street festooned with flowers and the flags of the Federal People's Republic of Yugoslavia and the United Arab Republic. the two Presidents rode in an open Rolls-Royce, followed by their wives in a yellow Cadillac convertible, to the presidential guest house, the cliffside Villa Sheherazade.

There the families stayed while Tito led his guest off to the Bosnian Mountains to celebrate the 15th anniversary of the climactic battle between Tito's partisans and the German invaders in World War II. It was the two dictators' fourth meeting. The 40-year-old Nasser is obviously much impressed by the 66-year-old marshal, who so skillfully plays a fancy in-between role in the cold war, gaining alternately from both sides.

Battle Hymn, High among the wild, beech-clad uplands, not far from the cave where a German bomb wounded Tito in 1943, the old campaigner of the Balkan Mountains and the younger conspirator of the Cairo barracks spent the night together in an army tent. Tito regaled his

guest with the story of how his desperate 10.000, surrounded by a ring of 120.000 German and other troops, buried their bard-won field guns, slaughtered and ate their packhorses, and then, losing nearly half their number in the charge, fought through the supposedly impassable Sutjeska River canyon, broke through to the safety of a great oak forest beyond the German lines.

Next afternoon, with Nasser at his side. the Yugoslav leader told 50,000 cheering old partisans gathered on the Sutjeska battlefield: "No one can break us." ser himself, by visiting Tito at this point. was making the most audacious affront to the Soviets he had ever risked. According to Cairo scuttlebutt, Nasser returned from his recent 17-day state visit to Russia bored by too many banquets and somewhat unimpressed. He also came home with no more Russian rubles, though reportedly the kind of Russian help he likes most-complete diplomatic backing in his troublemaking-costs Russia not a ruble. Long ago. Tito, from painful experience. warned Nasser against ever letting himself get too financially dependent on Russia. Old Pro Tito's current advice is said to be that Nasser should steady down, and not risk the peace so often with propaganda and subversion.

#### FRANCE "I Give You My Word"

If there is anything not quite French about General Charles de Gaulle, it is his impatience with paper work, Rather than rely on secondhand reports, he prefers to find things out for himself. Last week, for the second time in a month, he hoarded a twin-jet Caravelle and streaked towards Algeria to investigate in person. It was a salesman's visit, and the primary product to be sold-both to a grumbling army and a restless population-was the personality of the general himself.

Wearing a light suntan uniform with only the Cross of Lorraine as decoration, De Gaulle popped up at major cities and by helicopter at remote army posts, in three days covered almost every corner of Algeria. At one stop after another, he would gather 30 to 40 army officers about him, ply them with every sort of question. He was after details, not generalitieshow many men were fighting in the area, were there enough to protect the farmers and guard the Tunisian and Mo-

roccan borders? But in a country where half the population is under 20, and 90% of the Moslems are illiterate, he was just as interested in local wages, unemployment and education as in military operations. The army's role, he insisted, is not only to fight the rebels, whom he invariably called either "fellaghas" or simply "the others." It was also to act as France's "interpreter between the two ethnic groups, the Moslems and the Europeans.

Spread the Word, Everywhere his appeal was the same: unity and equality. At Batna (pop. 20,000), he at first conspicuously ignored the small crowd of

Europeans who turned out to greet him. Instead, he got out of his car, plunged into a group of Moslems who had been transported in trucks for the occasion. began clasping outstretched hands.

At an army post high up in the Traras Mountains near the Moroccan border, he quickly finished with the officers, reserved his most dramatic plea for the crowd of Moslems who had come from surrounding villages, "All who live here," he cried, 'must be equal. We have begun to make them equal, and I give you my word that they will be. You men, repeat this to those in your villages. Greet the populations of the villages in behalf of General de Gaulle and in behalf of France.

While wooing the Moslems. De Gaulle struck quite a different pose in dealing with the dissident colonials and settlers who clamor for "integration" into France. In Algiers few flags waved to welcome



SALAN & DE GAULLE IN HELICOPTER "All who live here must be equal.

him, and few Europeans turned out to cheer. In open disregard of their feelings, De Gaulle had brought along the minister the settlers dislike most. Socialist Guy Mollet who rode in the second limousine and said nothing.

City walls bore a new slogan: "Vive Salan." General Raoul Salan. who is De Gaulle's chief deputy in Algeria, has secretly fostered opposition to his Premier, who now refers to him as "that Chinese general." De Gaulle made no effort to hide his displeasure with the colonial extremists. When members of the All Algeria Committee of Public Safety called on him to present a resolution. they were brusquely told that the general was behind schedule and could not receive them.

"A Vast Plan." On his last evening, De Gaulle broadcast a pledge that "France intends to initiate on this soil a vast plan of renovation." More than \$35 million would be added to the budget for Algerian development, "From this year, the number of new dwellings will be doubled. Within ten years, all the children of Algeria will be going to school."

Then he announced that he was about to issue three decrees that would I I set up electoral lists, 21 establish a single electoral college for Algeria, and 31 extend the vote to Moslem women. we are going to give this unity a visible sign." added De Gaulle anticlimactically, "Very soon there will be only a single category of postage stamp for Metropolitan France and Algeria."

#### LEBANON

Sea Change

Lebanon's odd little sporadic war did not end last week, but some of the international tension over it abated. To the unconcealed chagrin of the Lebanese government. U.N. Secretary-General Dag Hammarskjold returned from Beirut reporting "no foundation" to the government's charges of "mass infiltration" by the United Arab Republic and accordingly no need for a big U.N. police force to seal off Lebanon's frontiers, although the U.N. observers admitted that they had free access to only eleven of Lebanon's 172 miles of border with Syria. The U.S. Sixth Fleet stopped steaming off Lebanon's coast and sailed west to land its marines and sailors for July 4th weekend liberty in Athens and Nice. Handsome, whitehaired President Camille Chamoun bluntly asked the U.S.. British and French ambassadors if their governments had changed their policies.

Their answer was no, but next day the President began canvassing among neighbors for possible outside help. At a palace interview. Iraq's chargé d'affaires reportedly offered Lebanon a defense treaty under which pro-Western Iraqi troops could be brought into the country.

Hopeful Leaning, Inside Lebanon, fighting sputtered on with just a hint that the rebels might be beginning to flag. At Tripoli, rebels led by ex-Premier Rashid Karami attacked by night to improve their supply lines toward the Syrian border, only to provoke such a heavy mortar barrage that their forces suffered an estimated 150 casualties. White flags suddenly appeared all over Tripoli's Moslem quarter and rebels in the port area negotiated a truce that represented a distinct advance for Chamoun's authority.

But as usual, the army did not follow up its advantage. At the height of the Tripoli barrage, Rebel Leader Kamal Jumblatt's Druse mountaineers launched a drive that took three villages overlooking Beirut itself. There, too, the army heaved into action with just enough heavy weapons to roll the rebels back to their old lines, prompting Chamoun to observe that the military situation was 'leaning toward the government.

Bland Challenge, As Secretary Dulles remarked at his press conference, there was some evidence that the presence of the 100-man U.N. Observation Group slowed deliveries of arms and men from Syria. Half-jokingly Jumblatt told U.X. officers that where he formerly got a mule train of supplies every nikin. 3 carvan now arrived only every second or third night 'because of you people. By contrast, the government's forces had plenty of arms, and last week U.S. Ambassadio Robert McClintock announced that additional U.S. shipments were due any day.

In these circumstances. Nasser, who had also sailed out of the eastern Mediterranean in search of some relaxation (sow above), might accept the challenge to live up to Dag Hammarskjolds shand finding that fits U.A.R.'s meddling was not major. Then it would become possible for the Lebanese government to solve the crisis with its own means, if it has the will.

# JAPAN

# A Black Lily for the Prince

In the presence of so exalted a person as the Crown Prince Akihito, 24, the young girl who guided his tour of Lake Akan on the northern island of Hokkaido last week had observed the strictest decorum. But suddenly, for no apparent reason at all, she burst into an island song. The black lily," she crooned, "is the flower of love. Shall I give this flower to you?" Then she presented the surprised prince with a real black lily "to symbolize our hope that he will soon marry a beautiful girl as his princess." The girl who spoke out of turn was only expressing a wish that was agitating almost every reader of Japan's excited press. Ever since Akihito turned 18 six years

ago. his father's Imperial Household Board has been looking for a bride for him, and the Japanese have been in an agony of suspense over who their 12sth Empress will be. To find her, the Board, whose stail members are the guardians of protocol, has canvassed the families of 80c former princes counts, viscounts,



AKIHITO
The prince must be taller than she.







CANDIDATES KITASHIRAKAWA, FUSHIMI & SHIMAZU The princess must not be plump.

harons and assorted daimyo [warlords; this investigated the state of each family's finances, made copious notes on the looks talents, and IQs of all eligible daughters. It also sent emissaries to all distributions of the looks and the looks and the looks and the looks are looked to the looks and the looks are looked to the look of the look

Folse Addresses. While the Household Board worked away at its list Japan's major newspapers set up special sections of 10 to 170 staffmen to pry out the favorites. The papers kness that all the eliable gard swould be past or present perfect that the paper should, the paper should have been perfectly all the paper supports followed girls to school trailed them when they went home at night, One paper sungialed a woman reporter into the school disguised as a student, Another irred to get a list of all girls arounded—somethine that is by Tradition kept secret for harding and the proper support of the paper sungial to the paper sungial to the paper support of the paper support

The newshank squad- hounded the Busschild Busschild Busschild Busschild Flat Busschild Busschild

Warm & Willowy, Meanwhile rembis palace at No. 1 Folkwamssus Shibuya, in Tokyo Akihito has been doing
some private investitating of his own.
Though he will get only a short list to
house irous and cannot receiv them all,
he has made no severe of the kind of wire
he warms. I don't like plump arth. he
he warms I don't like plump arth. he
leas, I prefer the slender willowy kind.
My bride must have a warm personality,
a sense of humor, must like sports as
much as I do appreciate light and serimuch as I do appreciate light and seri-

ous music be a good dancer, and, of course an excellent hostess." If all that were not enough, the Prince, who is 5 ft, 5 in, tall, had one more stipulation:

"My bride must be shorter than I."
As one-hy one, his friends at the peer's school gave the once-work to the candiaces on the Board's list. Achifor filled a natchool with such comments as "dist and self-willed "... odd and calculating."
But the process of elimination was not wholly on oneway falir. Achifort, who was removed from his parents' palace at the age of three leads an unevable life that was the subject of a Japanese best-family and a support of the process o

Though the prince has friends close enough to call him by the affectionate nickname of Chahu, Brown Pig; he lives as he himself puts it, behind of 'chrysan-themum currain,' can visit his mother and carber only on Studieys must otherwise which can come only once a month, appelled at the idea of sharing such a life, some conflictes have taken the precuring more communer. By Last week, must be a life, and the community of the last week may be such as life, and the last properties are communer. By Last week may like were may down to three.

C Harsuko Kitashirakawa, 18. a sportsloving cousin whose grandmother the seventh daughter of the Emperor Meiji, is Mistress of Festival Ceremonies of the Grand Shrines of Ise, Unfortunately, Hatsuko's family has been dogged by tragedy. which the Japanese regard as an ill omen; her great-grandfather was murdered by savages on Formosa her father was killed in an airplane accident in Manchuria. Even worse Hatsuko who is t ft, 33 in. tall, would be at least as tall as Akihito in her shoes and she is still growing, G Akiko Fushimi, a blueblood was Akihito's childhood playmate was captain of the Gakushuin women's riding team when he was captain of the men's. Though pretty and a good dancer. Akiko is 24 too old, say many Japanese, for Akihito, ¶ Sumiko Shimazu, 20, whose father, a former prince, now heads the Japanese Red Cross, Sumiko's chief drawback; her



THE FANFANIS & FOUR OF SEVEN CHILDREN I am the new minister, and you're fired."

mother's long illness, which is considered another bad omen.

There are signs that the prince's brideto-be will be known soon. In spite of Akihito's public statements that all he wants is a small house and a close family life, so unlike his own, the government is already building an \$800,000 palace for him and his wife. And last week, the Household Board finally let it be known that "if all goes smoothly, the prince's bride will be selected this year.

#### GREAT BRITAIN En Garde!

As every tourist knows. London's horse guards take the yow of silence on duty. As they sit majestically astride their mounts in Whitehall, children may taunt them, cameramen may pop flashbulbs in their faces, and tourist guides may speak about the guardsmen as if they were not really there. The guardsman is under orders never to move a muscle except to control his horse, never to speak except to summon a policeman or foot sentry "if something happens." For almost 300 years it has been that way. One afternoon last week Guide John

Thompson Reeves went into his usual spiel to 34 Americans about the pair of mounted Life Guards in scarlet tunic. white knee breeches and shining armor: "If a wasp crawled up the nostril of one of the guardsmen he would not permit himself to move his hand." Pointing to Trooper John Tedbury, Guide Reeves said that his ebony boots are patent leather and his breastplate stainless steel and untarnishable, so that the guards never have to do any polishing.

Something snapped inside Trooper Tedbury. He flashed his unsheathed sword down from the vertical "Carry Sword" position, pointed it straight at Guide Reeves's throat and shouted over his chin

strap: "You are a liar. Move on!" The 24 Americans retreated in disorder, and

Guide Reeves found himself speechless. Summoned before his commanding officer, Lieut, Colonel the Marquess Douro, a descendant of the Duke of Wellington. Tedbury said. "I did it for the honor of the regiment." Owing to "extenuating circumstances," ruled the War Office, his disobedience would not be punished.

# PORTUGAL

Democracy Is So Inconvenient Having tolerated a little bit of democ-

racy, Portugal's quiet strongman, Premier António de Oliveira Salazar, 60, decided that perhaps it was a dangerous thing. The crowds that came out to see the opposition candidate. Air Force General Humberto Delgado (who in the official count got 23% of the vote last month) had ob-Salazarism. Salazar described himself as 'a man always prepared to quit, I will not say without disappointments but without disillusions.

Hereafter Portugal's President would be thosen by the National Assembly and the Corporative Chamber, both 100% subservient to Salazar, rather than by the people. Salazar indicated in a rare, hourlong televised speech last week. Salazar admitted that "there may be errors, injustices, deficiencies, delays, abuses' his regime, but he still thought it fine, "It is." he said, "inconvenient to have an opposition party."

Press censorship will continue, he added, because "the problem is extraordinarily difficult, and a satisfactory solution has not been found," Addressing himself to Portugal's workers, among the worst paid in Western Europe, Salazar warned: Strikes are a crime. We are obliged to handle them with extreme harshness, although with bleeding heart."

### ITALY

Moving to the Left

In the Hall of Mirrors of Rome's blocklong Quirinale Palace. Italy's 70-year-old President Giovanni Gronchi swore in his good friend Amintore Fanfani, 50, as Premier, along with a Cabinet of 19. Not since Italy became a Republic after World War II had an Italian government leaned so far to the left.

The new government could be expected to be as pro-West as before, but its makeup showed Fanfani's determination to break with Italy's postwar middle-of-theroad pattern. To his only ally in the coalition government, Giuseppe Saragat's anti-Communist Socialists, Fanfani gave four crucial posts in social experiment-the Ministries of Finance Labor, State Participation and Communications. For the first time since the war, a trade unionist was included in the Cabinet: Giulio Pastore, the head of the anti-Communist lahor federation, CISL, became Minister for Economic Development of Southern Italy and Depressed Areas. Fanfani dropped Giuseppe Pella, a leader of the Christian Democrats' right wing, as Foreign Minister and took the post himself.

With a majority of only one or two votes for his government in the Chamber of Deputies, Fanfani hedged his gamble by handing important Ministries of the Budget, Treasury and Interior to more conservative members of the Christian Democratic Party, Some of his critics grudgingly conceded that despite its left-"perfect balance." Absent from the govty, Sighed Liberal Leader Giuseppe Malagodi: "Every nation in Europe seems to have tried the socialist adventure. Now it

is Italy's turn. No Brief for Capitalism, Fanfani's idea of socialist adventuring stems from his

long espousal of Italian left-wing Catholicism. Ever since his first days as professor of economics at Milan's Catholic University Fanfani has argued the moral responsibility of both church and state to look after the needs of the people, and has had little brief for capitalism-at least the type of capitalism that Italy has long known, Said Fanfani in Catholicism, Protestantism and Capitalism, one of the 16 books he has written: "Capitalism requires such a dread of loss, such a forgetfulness of human brotherhood, such a certainty that a man's neighbor is merely a customer to be gained or a rival to be overthrown, and all these are inconceivable in the Catholic conception . . . There is an unbridgeable gulf between the Catholic and the capitalist conception of life."

Fanfani is the voungest Italian Premier to take office since Mussolini in 1922. A teen-ager when Fascism began, he saw the corporate state as the ideal, and in what he calls a "temporary aberration" turned to Fascism. "Some day." he once wrote, "the European continent will be organized into a vast supra-national area guided by Italy and Germany. Those areas



#### JUST A LITTLE RAG DOLL

Some minutes after all the passengers had left, the pilot snapped his logbook shut and started down the empty aisle of his big Mainliner.

Empty? Not quite. In one of the seats, forgotten, lay a little rag doll.

He reached down and picked it up. It had the floppy, well-squeezed look dolls get when they're really loved. Any father who has helped a curly-head snuggle into bed with a favorite doll would know that here was a real

tragedy. So the pilot went to work to find its small owner.

United's vast communications system, which speeds weather data, flight and reservations information consist to coast, cam also trace a hearthroken little girl. With the help of willing United people thousands of miles apart, she was found. And a grateful mother wrote: "She has other dolls much newer and prettier. But this little rag doll is the only one close to her heart. I cannot tell you how much your returning it means to her, and to us."

No company rules told that pilot, and all of those who helped him, that finding the owner of a frayed little doll is important. Their action sprang from something far deeper—a genuine interest in people which, on the ground and aloft, results in "sexvice in the Mainliner." Manner."—the extra care you enjoy at no extra fare when you fily Inited—the Radar Line.





will take authoritarian governments and synchronize their constitutions with Fascist principles

Readymade Launchina Pad. In an Italy where hardly an admitted Fascist was to be found the day the Allies arrived. Fanfani has never tried to hide his Fascist record: but unlike many of his countrymen, he freely admits that he was wrong, Turning his boundless energies to other causes, he worked for Catholic Action, joined the Christian Democratic Party. With a group of fellow intellectuals called "The Little Professors," he formed a New Dealish clique, known as Democratic Initiative, inside the Christian Democrats, a national party whose membership spreads across the spectrum from monopolistic right to socialistic left. As Premier, Fanfani will find a readymade launching pad from which to accelerate the state's intrusion into the country's economic life: as a hangover from Fascism, postwar Italy already has the highest percentage of state-run industry of any country outside the Iron Curtain.

"Fanfani has colleagues, associates, acquaintances and subordinates," says one politician. "But I have never heard much about his friends." In the eyes of his critics, 5-ft, 3-in, Amintore Fanfani is brusoue, sarcastic and dictatorial, His indefatigable energy and his passion for efficiency have carried him far in twelve years in politics. But they have also left

No Time for Siestos, As a Cabinet minister, Fanfani, bounding in sharply at 8 a.m. was the scourge of Italy's latearriving civil servants. Government workers still recall the time that Fanfani entered a division chief's office without knocking. The man, who was casually shaving, did not turn around but shouted rudely, "Who is it?" Snapped Fanfani: "I am the new minister, and you're fired." As Minister of Labor he once kept all the participants at a bargaining conference in a room without food for 48 hours until

Having failed to get invested as Premier four years ago. Fanfani took note of some of the hostility towards himself. He now appears far less the martinet and displays increasing humor and tolerance. When he awaited the call to the premiership four years ago, he paced his room for hours. This time, he sat at the piano playing Verdi operas. A deeply moral man. Fanfani believes something must be done immediately to help the 2,000,000 Italians who have no jobs and the other millions who, even with jobs, live in poverty. "Even if we make only pots and pans. candy and children's night lights." Amintore Fanfani, "we must give the Italian people work."

# WEST GERMANY

The Monster

In other circumstances the man in the wheelchair would have seemed a pathetic figure. He had been at Buchenwald concentration camp. His face was pale and craggy, his left arm a stump, his right leg missing. Sick and shattered, he looked older than his 43 years. But in Bayreuth Circuit Court last week spectators hissed as the man was carried past. "Beast!" they cried, "Monster!"

Gerhard Martin Sommer, the man in the wheelchair, had indeed been at Buchenwald-but not as a prisoner. As the master of the punishment cellblock between 1038 and 1043. Sommer was the broad-shouldered bullyboy who, in the words of West German Prosecutor Helmus Paulik, perpetrated "probably the most hideous group of sadistic atrocities unearthed since the war." In the camp

where Ilse Koch, wife of the camp com-

mandant and the "Bitch of Buchenwald,"

purportedly made lampshades of human

AMPUTEE SOMMER & WIFE "You always get a little tired."

skin (she is serving a life term). SS so far in sadism that even his Nazi overlords were shocked. After an SS investigation they packed him off to the front to redeem himself," and there he lost a leg and an arm. After first declaring him untit for trial. West German authorities changed their minds when Sommer married a blonde nurse in 1956, fathered her child and casually applied for an increase in his veterans' pension. Sommer was haled into court. The charge: 53 murders. A psychiatrist's finding: legally sane but flagrantly sadistic.

Sommer Specialties, For four weeks a parade of witnesses unfolded a grisly chronicle of crime that Prosecutor Paulik described as "a look into Dante's inferno." Sommer's specialties

(I The whipping block-where prisoners were forced to count the strokes aloud as Sommer beat them with a heavy stick. When they lost count. Sommer started again. One man sentenced to 25 strokes got 60 lashes this way. He died on the spot. Sommer blandly admitted the beatings and even built a cardboard model of the whipping block to show the court. "I can't claim to have hit the last strokes as hard as the first," he said. "You always get a little tired."

I The "singing forest"-so called because of the screams of the victims who were hung by their wrists to trees. Shown a photograph of prisoners hanging in this fashion. Sommer was asked, "Is that you standing beside the men?" Replied Sommer matter-of-factly: "No. we did not hang our prisoners so high.

¶ Sommer's bunker-where, according to former SS Judge Konrad Morgen, Sommer kept a secret compartment, concealed in the floor under his desk, to hide torture instruments and the needles with which he shot carbolic acid and air into his victims' veins. Sommer often laid the bodies beneath his bed for the night.

Other testimony: Sommer beat a Weimar pastor, hung him outside, dashed buckets of water on him and left him to freeze to death. He beat a Catholic priest to death for hearing the confession of

Tears of Pity. To keep the trial from going on indefinitely, defense and prosecution finally threw out all charges except one-23 murders by injection. Sommer denied that he had killed anyone.

Last week the three-man court and sixman jury in Bayreuth found Sommer guilty of murder, dealt to the master of punishment the maximum punishment permitted under West German law: life imprisonment. To the end Sommer was impassive, But when one German, looking at the cripple in the wheelchair, said, "You have already paid for your bestiali-Sommer wept gratefully in pityfor himself.

# CONFERENCES

Down to Business

The Western delegates arrived in Geneva in a mood of no nonsense, no politics and not much hope. This was to be a scientific meeting of technical experts, but the Western scientists were uncertain whether the Eastern delegates would be in the same mood-or whether the Eastern delegates would be there at all.

Just before the scheduled start of "The Conference of Experts to Study the Possibility of Detecting Violations of a Possi-ble Agreement on Suspension of Nuclear the Russians had threatened to boycott the talks unless the U.S. first agreed in advance to a ban on nuclear tests. The U.S. and its allies (Britain, France. Canada). rejecting this Soviet propaganda gambit, ordered their scientists to hold the conference among themselves if the Communist delegates (from Russia Czechoslovakia Poland Rumania) failed to show up. This proved to be a shrewd move: the Communists arrived suddenly, and the conference began on schedule and with brightened hopes.

Declared Chief Western Delegate James B. Fisk, the lean and deliberate executive vice president of Bell Telephone Laboratories: "We embark with every hope, on what can well be a historic mission—to lay the essential technical basis for the important decisions which lie ahead." To the Western scientists' surprise, Chief Soviet Delegate Veyenyn K. Fedorov, identified as a Soviet Sputnik specialist, spoke in the same vein. "It is not for us to decide the essention of tests." he said. "This is up to the goorements."

Although the Soviets inserted in their scientific delegation Semyon K. Taranpkin, a professional cold-war curmulateon and former Soviet Entired Nations delegate the professional cold-war currouted to the control of the professional cold-war currouted cold-war control of the professional cold-war concouraging—not for the agreements reached but for the politics avoided. The delegates started exchanging papers that covered such "secret" ground that it was decided that not even their titles could decided that not even their titles could

The blackboard was scribbled with equations—not only for the benefit of the scientists but for the hapless interpreters and stenographers. Said one interpreter: "You just can't imagine how difficult it is to break down linguistic barriers between Nobel prizewinners in physics."

#### FORMOSA

#### Right-Hand Man

Through the years, death, division and defection removed almost all the old Chinese Nationalist figures who fought at the side of President Chiang Kai-shek. But after 35 years, one of the ablest of the young officers who taught at Chiang's famous Whampoa Military Academy in the '20s still serves his chief with conspicuous devotion. Last week, to instill discipline and order in a government that has lost much authority through parliamentary squabbling and faltering leadership, the President accepted the resignation of respected but ailing Banker-Premier O. K. Yui and named as Premier his tested old troubleshooter. Vice President Chen Cheng, 61.

In so doing, the Generalissimo also gave a strong him of his future plans. If General Chen does the usual efficient job the Gime aprecest from him. he may well succeed to the presidency in 1900. At that time the Gimo who is 70, will complete his second six-year term, and Taipie is betting that he will not ask to have the constitution changed to permit a cover the presidency to Chen, and continue to have a hand in things by retaining the powerful director-generalship of the Kuomintang Party.

The Strict One. Tiny, tough Chen

Cheng, who comes from the Gimo's home province of Cheking, first caught his bass's eye after he was wounded fighting in the Canton army in 1923. Chiang made him an artillery instructor at Whampao Military Academy (Chen took an instant dislike to a flashy young policieal inseructor ansmet Chou En-dai). Given the control of the control

Manchurians to bring their complaints straight to him. and reportedly had zo generals—shot for steeling, Invalided south for a series of stomach-uten operations, consideration of the state of the steeling of the state of the s

Chow Mein on the Mountain, Small, sallow, straggly-mustached, watery-eyed, Chen cuts a less-than-commanding figure. "I am 5 ft. 4 in, tall and weigh 124 lbs. without my clothes," he says with dignity. Holding his temper under rigid control, he now speaks so softly his subordinates have to strain to hear; if they argue, he clams up and marches out. Feared and respected by politicians, Chen is popular with the armed forces. Frugal, remote, humorless, Chen serves plain chow mein at his modest home near Chiang's atop Taipei's Grass Mountain, and criticizes colleagues for giving elaborate parties. One of his four sons is working his way through M.I.T., his two daughters are studying at Georgia Wesleyan. His wife is a devout Christian, who attends Madame Chiang's prayer meetings, but Chen says stiffly that he himself has "no religion.

Last week, as he was about to take office. Chen said: "We must remember that American aid comes out of taxes on the hard-carned salaries of the American people. Unless it is absolutely necessary, we will not ask for increased aid. We will try to balance our budget and equalize our exports and imports, and stand ready to respond to any uprising on the mainland."



CHEN CHENG Most likely to succeed.

#### EAST PAKISTAN

Poor Relation

When Founder Mohammed Ali Jinnah took over the leadership of his new nation eleven years ago, he complained of the "mutilated, truncated, moth-eaten Pakistam" that the British partition plan had given him. In a divided nation, where East is East and West is West, the Pakistanis of the neglected East have long required their own half as by far the more mutilated, truncated and moth-eaten.

Las week East Pakistanis no longer even had a government of their own. After two provincial governments collapsed within three days in Dacca, Pakistanis Strongman Iskander Miras usssembly and imposed direct presidential sembly and imposed direct presidential proposed to the proposed proposed to the \$5\frac{\pi}{n}\$ of the population for Head that \$5\frac{\pi}{n}\$ of the population for Head that the distant national capital.

United by Religion. Even to reach the nation's capital in Karachia, a cliziane from East Platistan must be soon miles across and the nation's capital in Karachia, a cliziane from Massachusetts to Missouri—or travel 5,000 miles by sea. All that unites the two widely separated provinces is the Moslem crigion. They even speak different languages in the East. Bengali: in the Worlden Credit. East East a almost drowned in water; the West parched for lack of if.

Though East Pakistan has more people (240 million to \$20 million). West Pakistan has the capital and the lion's share of government jobs. Many of the programs in the East are run by bureauerats shipped in from the West. East Pakistan, say its politiciam, is treated as a "poor relation." The East produces about two-thrifts of the many control of the programs of the product of the programs of the programs of the programs of the product of the programs of the product of

Divided by Politics. Tucked into a far corner of the subcontinent next to Burma, East Pakistan has little real concern for the issues that seem important to General Mirza's central government. Politicians in the provincial capital of Dacca, where goats wander in the unpayed streets, argue that it makes little sense for Pakistan to spend 70% of its budget on arms when industry so desperately needs capital. East Pakistan inclines more to a neutralist foreign policy, and can see little profit in joining anti-Communist alliances such as the Baghdad Pact (though, if profit is the standard. Pakistan has received on a percapita basis three times the U.S. aid given neutralist India). Nor are East Pakistanis much agitated over Kashmir, because if Kashmir were absorbed by West Pakistan, it would reduce the population edge that is about the only political advantage East Pakistan has.

After eleven years of nationhood. Pakistan has yet to hold its first national election. One is scheduled for next November, but East Pakistanis fear that the politicos of outnumbered West Pakistan will somehow get the election put off.

# THE HEMISPHERE

### CUBA

# Caught in a War

Up in the hills of eastern Cuba, so U.S. and Canadian citizens were caught-some to their own amusement-in the middle of the war between Rebel Fidel Castro and Dictator Fulgencio Batista, Their captor and genial host: Raúl Castro. Fidel's younger brother, who was mistakenly convinced that the U.S. is arming Batista. Wishing to teach Washington a lesson, young Castro decided to kidnap Americans wholesale from the neighboring sugar mills and nickel mines, and from among the personnel of the U.S. Guantánamo naval base. But he was also at pains to let his captives know that he meant no offense.

Impulsively he let five of them so, then three, and early this week five more. He fed and housed the others well, and dersited an apology to their pracrus, wewes and can apology to their pracrus, were and considered the state of the state

No Worry. One day Time Correspondent Jay Mallin slipped through the no man's land from the city of Guantánamo. slogged north by jeep and ion up muddy mountain trails and became the first newman to bring an on-the-spot story out from the captives. His report:

'At the first hostage camp was Thomas Mosness, 22, a bespectacled Navy airman from Ames. Iowa, He had a .45-cal, pistol and gunbelt given him by his captors. He practices fast draw with the rebels, said he is 'just like one of them.' Further in the hills, I reached a main rebel headquarters, where the 26th of July [rebel] flag flies, a clerk typist pounds out war orders, and eight elderly civilian hostages live with no complaints. 'Hell, a few days won't hurt us,' said one. 'We are all rebel sympathizers anyway.' On the 4th of July the rebels served up roasted pig for dinner. The hostages were shown bomb casings with U.S. markings, were taken to see a dead three-year-old boy 'with a big hole in his head' from a Batista air raid. They were also harangued about the delivery of 300 rocket warheads to the Cuban air force at the Guantanamo base on May 18-the event that touched off the protest kidnapings.

The arms were five replacements for practice warheads that the U.S. shipped to Cuba's President Batista by mistake in 1957 under the mutual-security pact. They represented no change is the current U.S. embargo on arms to Batista, But the rehels, buffeted by combat and terrorism that have taken at least good Cuban flees, see the world more and more as each of current, with on middle common fund or enemy, with on middle common fund.

AMERICAS HOSTAGES AT REBIL HEADQUARTESS SPACES CONSTRUCTORS

AMERICAN HUSTAGES AT REBEL HEADQUARTERS For propaganda, an act of genial effrontery.

Buildup. Castro has still not gained nough popular support to lounce Batista. but Reporter Mallin saw surprising milliary strength in the mountains. Ammunition once searce, is now plentfull enough to be wasted on problem at a community of the state of

But Batista's air raids are punishing. The raids continued last week despite a Batista pledge to suspend operations until the hostages got out. U.S. Vice Consul Robert Wiecha, parleying with the rebels, was just missed in one strafting run.

The rebels seemed in no burry to give up all their prisoners. The Castros would like to force some public U.S. promise that Batista will not be helped again. Conciliatory moves by the U.S. are not likely. The State Department is confident that the rebels will return the men unharmed, lest the propaganda move backfer into a wave of anger in the U.S.

# BRAZIL

#### Dream Capital

Ever since they won independence. Brazilians have dreamed at a cool gleaming inland capital far from the humid, colonial seaport of Rio de Janeiro. Last week, on a 4,000-font plateau 600 miles northwest of Rio, the first buildings of the new inland

President Juscelino Kubitschek, who assumed sole responsibility for the project many Brazilians still consider fiscal folly, did the honors with a series of firsts. He attended the first service and the first weedling in Architect Oscar Niemcyer's swooping, triangular Chapel of Our Lady of Fatima. With his family and chef he moved into Niemcyer's long, low Plates of the Dawn, acted as hast at the first the samptuous presidential hedroun, took the first bath in the sunken marble presidential between

Much government work will be done in Brasilia with Kubitschek in residence, but the airplane-shaped city (TIME, Dec. 30) is still years from becoming the Brazilian government's exclusive place of business. For last week's inauguration, 20,000 workmen toiled through the night under strings of temporary lights to make the palace. the chapel and a hotel ready for use. Sewer and water systems were installed: 80 miles of roadway were paved within the federal district, and soo homes and six apartment blocks were nearly finished. Of the ministries and the thousands of housing units still needed, there was no sign but long lines of foundations.

But an 35-mile road. Brasilia's first paved ground link to the outside world, was rendy for Kubitschek's inaugural ride —and ready to carry tons of cement and steel for buildings yet occurs of the common and steel for buildings yet on the common to the steel of the common to the steel of the common to the waste of the common to the waste of the common to the wast, undeveloped interior of firmal for all that has been ours only on the majk.

From left Edwin H. Cordes Roman Cecilia, A. F. Smith, J. J. Ford Eugene P. Ptheider, H. F. Sparks, Harold Kristianson, John H. Schissier.



BLASTED COFFERDAM: 27 FT. OF DRAFT FOR THE MERCHANT MARINES OF THE WORLD

# THE ST. LAWRENCE SEAWAY

# Geographical Surgery Gives the U.S. & Canada a New Artery HILE a sharp summer thunder. Lakes 8:00-mile share line. Cities in the COSS \$1,000,000,000,000 the seaway and pow-

WHILE a sharp summer thunderstorm crackled across the St. Lawrence Valley, crowds of raincoated tourists scrambled to the crest of a high dirt dike near Cornwall. Ont, one morning last week and peered through the mist toward a stubby earthen dam : miles away, At 7:55 a warning rocket arched overhead. and a voice on a loudspeaker began a countdown. An engineer in a timbered bunker pressed a button; from the explosive-mined dam a vellow curtain of debris belched upward toward the thunderheads. Deliberately, the blasted dam crumbled, and muddy water poured through first in a thick stream then in a torrent,

Thus on Dominion Day, the oast anniversary of Canada's confederation, the big marked completion of the major works in the building of the St. Lawrence Seaway and Power Project (see color pages). For three days the unstopped waters of the St. Lawrence rushed into the basin above the and on July 4. Independence Day for Canada's U.S. partner in the project, the newborn lake reached its predicted shore line. Turbines in the power dam turned in test runs, and the U.S. Coast Guard buoy tender Maple voyaged through the new lake, planting a trail of red and black buoys to mark the way for so ships waiting to follow-and for the thousands to come after the deep seaway's opening next

The key to the seaway's significance lies in a single figure 127 ft. When the builders complete a channel that deep, 80% of the world's cargo ships will be able to steam—with at least a few inches of water under their keels—into any port along the Great

Lakers 8, soomile shore line. Cities in the great Midwes of the U.S. will become orean-some ports. Chicago will be index to Calcutta Duluth to Antwep. Toronto to Brisbane. Detroit & Chrysler Corp. will be able to ship. a Plymouth sedan to Odlo for \$45 less than the cost of the rail-ocean haul through New York. Wheat will move from Fort William, Ont, to Rotterdam at a systing of up to 15e per flu.

Already the seaway's impact has been felt far and wide:

1 The Dutch-owned Oranie Line this

week launches the Princess Margriet, designed to carry 110 passengers and mixed cargo into the Great Lakes.

Industries using cheap St. Lawrence power are going up to provide 2.000 new jobs in Massena N.Y.

¶ Since seaway construction started in 1954 Cook County (Chicago) Congressmen have twice voted unanimously to extend the tariff-chopping Reciprocal Trade Agreements Act.

The Magnificent River, The St. Lawrence is one or the world's great rivers. It drains in area larger than Great Britain and France carries to the sea more water than the Seine, the Danuble and the Phanues combined. Filtered through the five Great Lakes, as steel blue waters normally run tree of silt. The stages of the raver zerely vary more than ? (ft., and its maximum flue is only tweet its minimum —bonus factors for hydrodectric developupper reaches for the stage of the runsitation. For even longer, navigators eved it as a barrier and an opportunity.

The taming of the turbulent St. Lawrence has occupied as many as 22,000 men and fleets of machines for four years. In er project will likely stand as the world's most ambitious bit of geographical surgery until men tunnel under the English Channel: by a wide margin it is the biggest task two nations ever undertook in peacetime partnership.

Possoge to the Eost. First white man to glimpse the river was the Breton explorer. Jacques Cartier, who sailed into the galf on the day of the feast of St. Lawrence Aug. 10. 1535. Cartier tacked his flagship fromthe Hermine Stommer on miles up the narrowing river, budging assists reason one of the property of the pro

As early is 1700. French fur traders and missionaries detured Lachine by way of a narrow canal just deep enough to float freight camees. In 1905 Canada completed a series of locks and canals salie to carry ships no deeper than 11 ft. from Montreal to Lake Ontario, Barlier, Ottawa and Washington had opened talse that ways for the joint development of the upper rever for power and deep-drift navigation. Every President from Wilson to Eisenhowers apported the seways: so did every Prime Minister in Ottawa from Robert Borden on.

Pressure on the Dike. In the U.S. the seaway counted a formidable line-up of toes. The Eastern railways, the Atlantic scaports, the South, coal-mining interests and private-power producers all fought it. New developments gradually were them

Midwestern steelmakers with heavy investments in Labrador iron ore needed a



INTERNATIONAL RAPIDS SECTION, looking toward the west between U.S. (left) and Canada, is 46-mile stretch of the St. Lawrence River involving more than 8750 million in new seaway and power construction projects. Ocean-going ships, moving to the Great Lakes past Corwall Island (Iouen right),

will pass under new International High-Level Bridge (bottom) and enter deep-draft channel between Snell and Eisenhower Looks (left), Destruction of cofferdam on old fiver channel at upper right has formed 60-sq.-mi. lake behind Long Saul Dami in center distance and St. Lawrence Power Dam (right).



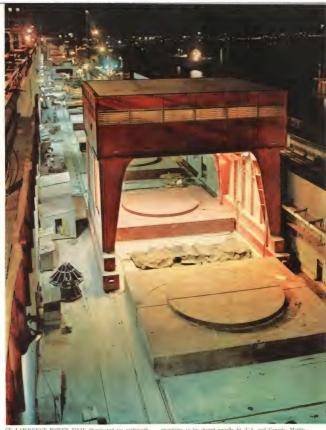
NEW REYNOLDS ALUMINUM PLANT, at Rooseveltown on New York side of International Rapids section, will use 25% of firm power produced by new St. Lawrence Power Dam, The

workers, turn out 100,000 tons of aluminum a year, much of it for new \$15 million Chevrolet parts foundry being built near by.



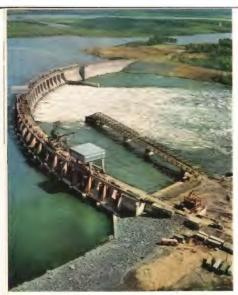
SNELL LOCK, 80 ft, wide and more than 750 ft, long, at eastern end of the 10-mile-long Wiley-Dondero Ship Channel, will (with neighboring Eisenhower Lock) raise ocean-going

vessels of 25-ft, draft a total of 90 ft, in their journey through the International Rapids section. Control tower overlooks lower miter gates and a seaway tender at approach to the lock.



ST. LAWRENCE POWER DAM, illuminated for nightwork, will be second largest hydroelectric-power-producing plant in free world (after Grand Coulee), providing 1.850,000 kw. of

electricity to be shared equally by U.S. and Canada. Mobile gantry cranes atop the \$200 million. 3 300-ft.-long structure, service 32 generators in powerhouses (beneath hatch covers).



LONG SAULT SPILLWAY DAM, to control level of new power pool, arches across river's south channel between New York (bottom) and Barnhart Island, where state park is heing built. Temporary bridge aided construction of dam.



EISENHOWER LOCK on the Wiley-Dondero Ship Channel will use long, retractable iender boom (foreground)

to position vessels hetween 30-ft.-high concrete walls. Automobile highway tunnel passes beneath lock's upper gate.





MORRISHERG CANAL, with one of last shallow-draft vessels to pass through it was old waterway around rapids. New lake, flooding it, now edges closer to cemetery whose tombstones have been replaced after land was raised to it.

MASSENA INTAKE, a \$13.7 million system of pumps and dikes, diverts water from St. Lawrence into pipes for use of Alcoa plants and town of Massena, XV. Cofferdam (center) held back water to allow dry construction of intake structure.





ST. LAMBERT LOCK, on south side of the St. Lawrence River (left) opposite Montreal, is part of new 18-mile-long Lachine Canal for deep-draft ships, A Canadian construction

project, the lock is being built on part of the river bed that has been pumped dry, will raise vessels to ft, past drainage channel and expanding Laprairie Basin industrial area (rtght).

low-cost waterway to haul ore to their mills. Power-humpy New York State won permission from Washington to develop the U.S.'s share of Si. Lawrence power at the Si. Lawrence Si. Lawrence

That did it. With renewed prodding from the Eisenhower Administration, Congress rushed through the Wiley-Dondero bill for a full U.S. partnership in a seaway that would pay for itself in tolls in 50 years. Canada readily agreed to the

new terms.

On with the Job. After the politicians finally acted, the engineers moved swiftly. Their job: to gouge out a ship channel with a minimum depth of 27 ft. from the harbor at Montreal, which is 22 ft. above sea level, to Lake Offrario, 182 miles to the southwest and 224 ft. higher. Midway they would tap the power potential of the great International Rapids.

great International Rajids.

In the province of Quebe they had to build 20 miles of new channel and two new locks to bypass Lachine Rajids, enlarge 16 miles of channel and two more locks at the rapids at Beauharnois. Sluggish, shallow Lake St. Louis and Lake St. Francis—wide places in the St. Lawrence River—were dredged to seaway depth.

At the eastern end of the International Rapids, where the Irawiling river forms the Isoundary Between Ontario and New York, ivon one dame went up—the dame that the result of the result

The bypass is the only major seaway works in U.S. territory. Going upstream from Lake St. Francis, ships will move into the Wiley-Dondero Ship Channel, rise a total of on it, in the Snell Lock and the Eisenhower Lock ("Tke's dike," in seaway slang!, pass on into the new, still unnamed lake. At the western end of the lake, a 5-ft. lift in Ontario's Iroquois Lock will hoist westbound ships into the calm waters of the upper St. Lawrence for easy

steaming upstream to Lake Ontario. Four Bosses. The administration of the seaway and power project looks clumsybut has worked fine. The Hydro-Electric Power Commission of Ontario and the Power Authority of the State of New Vork evenly shared the \$650 million cost of the power project, will evenly divide the electricity that it produces. The Washington-chartered St. Lawrence Seaway Development Corp. administered all seaway construction in the U.S., while Canada's St. Lawrence Seaway Authority managed all seaway work north of the border. Industrialist James L. Duncan and Civil Servant Bennett John Roberts ran Canada's power and seaway agencies; Duluth Banker Lewis Castle and New York City Park Commissioner Robert Moses were the U.S. chiefs. Because more of the work had to be done in Canada than the U.S., the Canadians will pay about 71% of the \$440 million cost of the navigation works, collect the same proportion of all future ship tolls.

Geology and the northern weather provided rough obstacles. Along the Beauharmis Canal, contractors grated into the property of the contractors of the conbins in eight bours, and to soften the stone by firing it with kerosene torches at 4,000° F. They burned, drilled and blasted through two miles of solid rack. Partly to torse there keep up work at full speed through the winter months: they battled towering icefoles that threatened cofferdams, poured concrete in subserve weather, may be the contract of the contract of the contract to the contract of the contract of the contract to the contract of the contract

The Eighth Sea. The Great Lakes, long me of the world's busiest waterways, will grow even lusier when deep-draft ships can steam directly from the ocean lanes into the ports of Toronto, Cleveland and Chicago in what trade promoters like to call the Eighth Sea, the Fourth Coast, the

North American Mediterranean. The main payloads on the old 14-1f. canala-iron one upstream from Labrador and wheat downstream to Montreal—will fill the holds of probably nine-tenths of the ships on the new canal. Seaway planners forecast a traffic lead of 25 million tons on the new seaway next season—just double the old seaway 1 next season—just double the old seaway 1 next season—just double the old seaway 1 next means of 1937—1938.

From Kingston, Ont. to Diduth port directors and trade promoties are trying to forceast the trade patterns through the new seaway—and cash in on them. Torents is watching a new Sto million sugarraw sugar from the Cartibbean, Cleveland will deepen its harbor to provide safe betting for the ore boast from Labrador, and Chicaco is building a new sugner.

For Ontario, the St. Lawrence's power output is fully as important as its ship channels. St. Lawrence power costs 44% less than electricity from coal-fired plants, was desperately needed to fuel Ontarios rapidly expanding postwar industry. In Massena, Reynolds Metals Co. is building a power-gulping aluminum reduction in a power-gulping aluminum reduction.

The St. Lawrence project seems sure to stimulate another profitable industry along the river: entertainment of tourists. Almost from the day digging began, uninvited visitors streamed toward the construction sites with cameras and questions, Ontario Hydro rallied quickly, organized free bus tours of its building sites, will play host to an estimated 1.000.000 visitors this year. Locks and dams have been provided with observation towers, and parks line the river's banks at interesting points. Already, seaway officials are making big plans for a huge public celebration next year. Then, if all goes as planned, Queen Elizabeth II. sovereign of Canada, and Dwight Eisenhower, President of the U.S., will meet somewhere along the St. Lawrence and-while tens of thousands watch-dedicate one of the world's most impressive monuments to practical international cooperation.



#### PEOPLE

Names make news. Last week these names made this news:

Still armpit-deep in a sea of matrimonial troubles, paunchy Producer Roberto Rossellini ducked under a wave sloshed from another quarter; bankruptcy proceedings over an allegedly unpaid loan of \$34.768. Meanwhile his radiantly blonde partner on a Stromboli idyl nine seething years ago, twice-married Cinemactress Ingrid Bergman, 42 confirmed that she would make another try at happiness for two-"as soon as it's legally possible." If an annulment decree from Roberto is granted, she will wed her off-camera companion of more recent days, Swedish Impresario Lars Schmidt. Open-armed for his new daughter was Lars's papa, a retired army major: "Ingrid made a most charming impression upon my wife and me. But so, he added, did Lars's first bride "That was a very charming lady too.

In the Truman Administration a trusty mews source for hard-working, Fair-Deal-ing Columnis Doris Fleeson, fiftyish was Nay Secretary Don A. Kimboll, Al lung hast on the asking side of a question, and the same side of a question, and the same side of the same si

His jacket clonged with enough medals for a NATO division. Wangerian-size Tenor Louritz Melchior chatted with Denmarks King Frederik IX at a celebration in Copenhagen of the Royal Ganard's 300th anniversary. A guardsman himself in his nimble youth. Melchior crossed the Atlantic for a month's vacation in the old country with a 40-man delegation of



DENMARK'S FREDERIK & MELCHIOR
On parage.

Danish-American Guard grads, sang out loud and clear at the parade and at a festive veterans' dinner in the Tivoli Gardens.

After a hosbum year on an alten jobinspecting tropical construction works-Colonel John Nickerson, court-martialed for leaking Army rocket secrets to newsmen Triats. July 8, 1957; heard the good news, restoration of his military command functions, assignment to a post right down his alley as ordnance affect of the Caribbean Command with headquarters in the Panama Canal Zone.

Previewing a style that might catch on for such sports as spelunking or Gaelic football for girls. Queen Elizabeth II donned black boots, bright white helmet



QUEEN ELIZABETH II

and floppy boiler suit for a visit to the Robert Colliery in Fife. As Britain's first pit-hopping Queen. Her Majesty drew gushes for the garly from the watchful press even carned a wee handelap from fussy Royal Conturier Norman Hartnell. "Being English. of course she looks marvelous in all sports clothes."

For all the world like a banker doing his civic duty. Belium's ex-King, Leopold III, who was forced by Socialist pressure to addicate seven years ago, nobly as cepted utuoring in the use of an Americansyle voting machine at the Brinssels Fair from U.S. Pavillon Guide Beverly Ann Balley, After the lesson, Leopold thoughtfully selected Lincoln as favorite statesman. Edgar Allan Poe as favorite author.



GUIDE BAILEY & EX-KING LEOPOLD
At the polls.

Louis Armstrong as favorite musician. Poll completed he issued a sate royal comment: "Very interesting."

Passing up his usual after-lunch snooze, Cinemogul Sam Goldwyn, 75, stopped for a fond look at his Sound Stage 8, rigged up as Catfish Row for Sam's latest and hoped-for greatest, a \$6,000,000 production of Porey and Bess. He never saw it again. A few hours before stage crew and cast fincluding Sommy Davis Jr. and Pearl Bailey: arrived for the day, a tire (origin unknown) destroyed the mammoth (So,ooo sq. it.) set-and with it costumes, cameras, recording and lighting equipment. As offers of help poured in Goldwyn calmly announced: the loss [\$2,000.000] does not bother me so much. I've had plenty or trouble but I'm going to make Porgy and Bess it it's the last thing I ever do."

Latest assignment given freesagending (Stöno, on last years Lieut, General Ra-foel Trujillo Jr.; to decide whether the Dominican Republic should stop pucketing. U.S. military and ecoincidentally, almus Stono-occi this years beauties a town unsympathetic. Congressioner questionesses deserving Hollowood natives during his days as-a student at the U.S. Army Communal and General Staff Scholar.

Almost va years after he put up his similer as a young lawyer in South St. Paul. Horold Stossen, 51. sometime ruggo-435 Governor of Minnesota tireless aspirant for the presidency of the U.S. president of the University of Pennysttonics of the Company of the U.S. (1925) for Pennystonia's G.O.P. gubernatorial normation found himself a quiet office on Philadelphia's South Broad Street, went back into the practice of Inv.



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#### MUSIC



DIRECTOR BROWN & NEWPORT'S INTERNATIONAL YOUTH BAND
Too big not to dig.

#### Jazz Supermarket

"Nest year," said Saxophonist Paul Desmond, "maybe they could arrange to have Eisenhower at the same time." Just about everyhody else, it seemed, was on hand last week for the opening of the first and biggest Newport (R.I.) Jazz fribute-to-Eilinetton night: Benny Goodman was there for nostalgia. Tramputer Miles Davis had declined this year's invitation. "What, me dig that crazy scene? Newer!" But he too was there last week—along with Gerry Mulliann Dave Brubeck, Lee Kontin. Sonny Rollins and a seene" was last too his to be improved.

New Works. Special feature of this year's festival was the 13-man International Youth Band. recruited and trained by High School Music Director Marshall Brown, whose Farmingdale (N.Y.) High Brown, whose Farmingdale (N.Y.) High Chron Band was a Newport int loss year Cirate, July 18, 1033). Assigned to look for the property of the Pro

He had trouble diagong up talented drummers, found that most of his sidemen vaverage age: 25 had a classically oriented training. "They kept giving me the blue-serge treatment. I had to work had to go the hard to get had rought-weed effect." I have been a series of the series of th

Jimmy Giuffre's The Pentatonic Man. In last week's concert, the band started stiffly, and the rhythm section never got completely untracked; but by the time they closed the set, the European cats were playing with the cohesive drive of a bunch of much-practiced pros.

Full Sphere. Last year's festival, the most successful ever netted \$50,000 (including \$5,000 to establish a free clinic for narcotics-addicted jazzmen). The 1058 festival is almost certain to clear even more than that. But as Newport's popularity with the public soars, its reputation among jazzmen is declining. They regard it as a giant public relations carnival-"a jazz supermarket." Trumpeter Davis calls it, Saxophonist Desmond feels that Newport is all right "for the young fellows just getting started." but that established stars "have nothing specially to gain, and the critics present can give us a roasting.

That kind of talk is profoundly disturbing to Elaine Lorillard, socialite wife of Festival Founder Louis L. Lorillard. Says she: "We've heen childed for putting on a show as if it were degrading for jazz to be played in theatrical surroundings for money. But we see no point in jazz being private and ingrown, Jazz is a full sobper, no am empty circle."

#### Salute to Puccini

"Almighty God touched me with His little finger," wrote Giacomo Puccini, "and said. Write for the theater ....' I have obeyed the supreme command."

He obeyed so successfully that he hecame one of the four alltime opera masters, alongside Verdi. Wagner and Mozart. Though some critics dismiss him as sugary and sentimental, no opera house can plop to stay in business long without including in its repertory the three major monuments to Puccini's career—La Bohbur. Tozca, Madme Butter fly, Puccini himself once made a list of the houses where his operas were playing; Tozca alone was then being given in '73 cities. His works steadily draw both declicated opera buffs and occasional lans who might not recognize another note of opera but cherish every note Paccini work. Last week, with special pertine the composer's home town of Lucca. the musical world was busy honoring Puccini in the composer's home town of Lucca. the musical world was busy honoring Puccini in the contensal wear of his bird.

Musical Millionaire, Surprisingly, every one of his biographies in English is out of print, including the best recent one, the 1951 Puccini, by George R. Marek (which draws much of its material from previously unused letters). The reason perhaps is that Puccini's life seemed to sound a few simple themes, uncomplicated by the frailty of a Mozart or the herculean sufferings of a Beethoven. He looked less the popular image of an artist than of a successful banker, and he probably made more money from his music (\$4,000,000 at the time of his death; than any serious composer before or since. He surrounded himself with vachts and expensive motorcars, maintained several estates and a game lodge, dyed his hair, and made fun of "artists who think they have to have dandruff to he geniuses.

But the public Duccini was not the whole man, as Marek and others have shown. As a child, he lived with his widowed multer and seven brothers and ssters in barsh poverty. His fathers one of a stress in barsh poverty. His fathers one of a commist, bun Gostomo started studying, orean with little enthusiasm ("Yours on; said an early teacher to his mother." is meat which does not wish to be salted 1. In time he showed a talent for composition, was shipped off on the was a good but not brilliant student. After graduation



OPERA MASTER PUCCINI Too sugary to be salted.

he stayed in Milan. ran up such debts with his good friend, Pietro Mascagni (Caculleria Rusticanus). that the two of them got a man and insked out in red the sections of the city they could not walk through for react on meeting creditors. Putchin scored a critical success with his first open a one-acter entitled Le Ville, but he did not win a large following until at a garden control of the could bracted with his two most successful lithrettiests, Giuseppe Giacosa, and Leita Illica on protude Manon Leccatu.

After that his popular success was secure. Frenzy of Remorse, Away from his public. Puccini was a painfully shy man. centuated by a stormy family life. He had met Elvira Gemignani when he was 26. lured her away from her husband (and Puccini's old school chum) had a child by her. He married her 10 years later when her husband died. Their affair fluctuated between periods of passionate affection ("little mouse." he called her) and her storms of insane jealousy. Once he was famous. Puccini had a string of affairs with his more shapely Mimis. Musettas and Butterflys ("I am guilty." he wrote. "but it is my destiny that I must be guilty"), and Elvira was driven to following him, dressed as a man. As a last resort, she slipped camphor in her husband's pocket on the theory that it had a debilitating effect and would diminish his ardor It didn't, Finally, when he was 50, Elvira unjustly accused a servant girl of being his mistress, drove her to suicide-and Puccini to a frenzy of remorse. When he died in Brussels at 65 after an operation for cancer of the throat, his last words to his stepdaughter were: "Remember that your mother is a remarkable woman,"

Puccini once showed a friend a French lithograph of a nude girl pressed against a grated window in Venice. "This," he said, is the kind of libretto I want for my next opera." Failing in his lifelong search for a girl who combined frailness with sensuality, he built those qualities into a procession of operatic heroines-Manon Lescaut, Mimi in Bohème, Cio-Cio-San in Butterfly, Liù in Turandot. His obsession gave his work a narrow emotional range. a failing of which he was conscious. He envied Wagner his heroic themes and maiestic brasses, idolized Verdi's poetic tragedies, in later life even made an effort to understand the moderns (although on first hearing he thought Stravinsky's Sacre du

Printemps "the creation of a madman"), But he also knew where his genius lay, wisely rejected both the Wagnerian influence and the broader version of the Italian verismo style as practiced by Mascagni and Leoncavallo. Instead, he clung to his own romantic, melodious, bittersweet tales shot through with a uniquely warm lyricism and underscored with lushly singing strings. A painstaking workman who admired clarity ("The black scores," he said, "are the easiest to fake"), he left as his legacy only eleven operas. But 34 years after his death, the world of opera has not found a composer who can speak to the universal audience Puccini commands.

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#### TELEVISION & RADIO

#### The Silly Air

As summer laid a hot and humid hand upon the land, the masters of the air waves took desperate measures to hold the public's wavering attention, Items:

North Carolina was gripped by a talkathon mania, and the leading contestants were all women. Fayetteville's radio station WFLB set the format: the contestants starred talking before an audience outside the plate-glass window of a TV appliance store, kept on until exhaustion, sleep or urgencies of nature ended the ordeal. Other North Carolina stations



BRICK THROWER IN PITTSBURGH And next season: Thud.

matched WFLB's stunt, upped the prize value progressively to \$2,000. Sue Huron. a Pittsburgh secretary of 22, kept Fayetteville station WFA1 busy crackling out regular reports on her monologue of 92 hrs. 1 min, 4 sec. Then Kansas got into the act, when 29-year-old Mrs. Carmen Araiza talked of enchiladas and children for 93 hrs. 36 min, 9 sec. over Topeka's WREN Ready to challenge the new champion was Mrs. Edith Fisher, 29, a clerk in a mail-order house in Rocky Mount, N.C., who had been briefly champion with 91 hours, and was raring to try again. Allowed Edith: "I feel as fine as a frog hair split four ways-and you don't get no finer than that. Lord willing, and the creek don't rise. I'm going to win this contest. After five short-lived assaults on the 47-day endurance record for single-engine aircraft (set by Woody Jongeward and Bob Woodhouse in 1949), two madcaps employed by Dallas' hyperthyroid station

KLIF gave up for the time being. Their best effort: 12 hours. Actually, there was little reason for them to keep flying; they had already stirred up a mighty propwash of publicity for Promoter Gordon Mc-Lendon's five-station chain.

¶ To help promote an improbable trend back to "good music" station WJQS in Jackson, Miss, put some 5,000 rock in' roll records in a coffin, hauled the gone stuff to a local shopping center for a symbolic funeral service. Unfortunately, the disks were not buried but passed out gratis to a horde of screaming teem-agers.

¶ Desjay Rege Cordic of Pittsburgh's pioneer station KDRA hit upon the "ancient" aport of brick throwing. The contest was mosed to a wharf jutting into the Alleghory River after the first contest; the contest was most of the pione of th

#### The Battle for Ears

When television began to masquerade as the new electronic horizon, cynnic pronounced radio dead, or at least moribund. The great names in radio—Jack Benny. The great names in radio—Jack Benny. The great names in the properties of the properties o

Lusty Child. But 1958's radio is not 1947's radio. The radio set is no longer in the living room but in the kitchen, on a bedside table, in the car. 1958's audience listens with half an ear, usually while doing something else.

Along with the audience, the soundsemitted by the nation's 3,779 AM and FAM radio stations have changed too. In place of the nostalgic big names and expensive-talent dramatic shows, most U.S. stations blare forth a starless mishmash of hip music, skimmed news and hone-v-origed disk lockeys.

Radio's new and hasty child is the local station. It alims at "local identification." homing in on the market in its neighborhood at the expense of network operations of the property of the

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too elusive to pin down) in recent years, ABC and MBS have long been in the red.

The local is usually a completely independent station, but roughly one station out of four is affiliated (with increasing reluctance) with one or more networks. With some honorable exceptions, the locals' standard fare consists of the so-called "Top 40" tunes (mostly rock 'n' roll). news-headline teasers, whooped-up contests and giveaways, voices of home-town deejays that every housewife learns to know and like during her lonely hours spent over dishes, ironing board and stove. More and more, local affiliates are dropping network shows; even the familiar 27-year-old broadcasts of the Metropolitan Opera's Saturday matinees have been canceled out by some ABC stations. Westinghouse Broadcasting Co, disaffiliated its five stations from the networks | four from NBC, one from ABC+ to go local, boasts that now all but one rank No. 1 in audience in their respective cities. The networks offer newscasts from Moscow and an occasional big name; local radio offers bargain pork chops at a nearby butcher shop, a \$50,000 check that may lie buried in the listener's own backyard, a chance to shake hands with the man who spins Elvis Presley records.

"Horse-Radish," "More platter, less chatter!" crise Manager Ren Strouse of Washington, D.C.'s eminently profitable WMDC, which features "Lacky Buck" is to supply soap opera to a dwinding mumber of little old Indies wenned on that sort of thing. "As for the independents! ness coverage Bill Shaw, manager of San Francisco's beaming KSFO, searchs "Peacity Street Man in the Lebsann crisis"." The

Most radio network executives are denantly optimistic in public, but privately worried. GBS apparently believes that there is on use in lucking Tv in the evertion of the private property of the privation of the sumy bours unimaginatively with soap opera and such housewife paciities as Arthur Godfrey and Art Linkletter, At ARC, which dropped until thousands in network radio last year, aloom is officially repressed. But une network bisverse and the property of the property of the All were doing is keeping the lines up."

Only NIK has organized a major counteratation or andizo localities. NIR is invading a thousand city limits with its subigiations weekend potpourit Monitor, and the limit of limi

The battle for ears may not be decided for years. Though the local programmers are riding high now, the networks optimists predict that the locals will sooner or later run all their bad things into the ground. But it may be later than sooner.



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#### MEDICINE

#### Smoking & Cancer (Contd.)

The Seventh International Cancer Congress in London this week heard the sobering results of a sweeping study of the effects of smoking on the death rate from cancer and other diseases. Author of the report: Statistician Harold F. Dorn of the U.S. National Institutes of Health. Dorn's project was begun in 1954 as a check on the disturbing findings from the American Cancer Society's famed Hammond & Horn survey of 188,000 U.S. males. Researcher Dorn threw his statistical net even wider: it covered 198,000 men (and a sprinkling of women) holding Government life insurance as a result of military service between 1017 and 1040.

All these cases were followed through the mountainous files of the Veterans Administration. The Dorn-VA technique: whenever a claim was filed to collect insurance, investigators double-checked both the primary cause of death and other contributory diseases with the physician who signed the death certificate, and (if possible) with the results of post-mortem examinations. Where the Hammond-Horn study had been attacked by the tobacco industry as statistically unsound because of the investigators' bias, the Dorn-VA investigation could not be assailed on the same ground, although even before formal publication it was criticized by industry spokesmen ("It cannot possibly establish the cause or causes of any diseases"). The findings, startlingly similar to those of the American Cancer Society:

(f) Men who smoke two packs of cigarettes or more a day have the biggest death rate in the age groups covered (30-10-80, but largely concentrated on 50-10-70). The rate: twice that for nonsmokers.

¶ Those who smoke cigars or pipes as well as cigarettes have a lower death rate in proportion to the smaller number of cigarettes smoked.

Grant Cigarettes smoked.

Grant Cigars or pipes alone cause only a negligible increase in the death rate.

¶ Clarette smokers improve their chances of living longer if they quit smoking. Those who stopped "prior to the start of the survey" have a death rate 1.4 times that of nonsmokers, whereas for all cigarette smokers (any amount) the rate is 1.66 times that of nonsmokers.

¶ In absolute numbers, the increase in early deaths among heavy cigarette smokers is mainly from heart and arrery disease. But the cause of death that shows by far the greatest proportionate jump is lung cancer: it is six times as common among all smokers as among nonsmokers. 9.35 times as common among cigarette smokers.

Britain's Dr. Percy Stocks took up the question of lung cancer and air pollution, reporting on a study of more than 2,000 men who died of lung cancer in smoggy Mersyside areas centered at Liverpool) and clear-aired North Wales. Among nonsmokers the hazard of smoggy air was clear: 2.3 times as much lung canit was clear: 2.3 times as much lung canit was clear: 2.3 times as much lung canit

cer in smoke-palled helts as in cleaner areas. But to the identity of five cancer-causing substance in polluted air. Dr. Stocks had no cle. In smoogay areas, the death rates were almost identical for light modern than a pack a day; and nonamokers. But amour mere who stroked more than a pack a day. The death rate success the pack a day. The death rate areas areas areas. Explanation? Dr. Stocks had none.

#### Young Giant of Japan

When his first son Yoshimitsu was born, Farmer Koji Matsuzaka of Shinshushimaachi, a small mountain town too miles northwest of Tokyo, boasted: "He will grow up to be a giant." The proud



DR. SHIMIZU & PATIENT

failber did not know how close his prophcy would come to the truth. By the time Voshimitsus entered sentior high at to, he towered of ft. r. in. At this time he began to have blinding headaches, and tired su easily than he spent most of his time lying at home on a tatami. School doctors diagnosed Voshimitsus trouble as the sent of the control of the control of the law was a pecialist, but Falber Kejl was afraid of the control.

Not until last spring, when Yoshimitsu was 21 and had reached a basketball coach's dream height of 7 ft, 2 in., did he get to a specialist (on a newsman's intervention). Said Dr. Kentaro Shimizu (5 ft, 4 in.), one of Tokyo's top brain surgeons: "These cases are so uncommon that any specialist would be happy to treat one." Installed in a specially built.

bed (8 ft, 6 in.) and swathed in a vast yukata (summer kimono) Yoshimitsu was X-rayed and tested to a fare-thee-well.

The findings: he had a tumor on hispituitary gland; evidently it had hoosted the gland's output of growth hormone to a fantastic level, while suppressing its output of three other vital master hormones which govern the adrenal glands, the thyroid and the sex glands.

Dr. Shimizu gave Voshimitsu generous injections sup to a mg. a day) of testiseterone and other hormones for almost a year to slow his growth and help build his strength. Last March Dr. Shimizu performed a drastic operation. He opened Voshimisus's skull across the forehead and probled past vital brain substance to get at the deep-hidden, almost inaccessible pituitary. Then he removed the tumor.

Last week the young giant was almost ready to go home. But what to do? Dr. Shimizu would not let him join a stage trough (too insecure). Voshimizu was getting hoth muscle-building and moralebuilding exercises to help him insorte the stares of passersby. Said he. "I hate to leave this sounders to be the property of leave the sounders of the property of the time of the property of the property of the property of the time of the property of the property of the property of the time of the property of the property of the property of the property of the time of the property of the proper

#### The Cool, Cool Evening

When Jean T., 35, mother of two children, went to the doctor's office in Philadelphia, she had only a few little pimples and wheals on her face, arms and legs. but she complained that she had been driven almost crazy every night for eight weeks by unbearable itching. She could identify the places where the itching started by small black spots. A host of specialists in internal medicine and skin diseases had subjected her to examinations, plus blood-sugar, blood-count, urine and liver tests-not to mention a syphilis test. Unable to find any cause, they dismissed the patient as a neurotic, gave her tranquilizers, which did no good.

Drs. Milton M. Cahn and Fred R. Shechter admit, in the A.M.A. Journal, that they also might have failed to solve the mystery, but they happened to see something moving on the patient's skin. It proved to be an eight-legged critter. little more than one-fiftieth of an inch long, later identified as the northern fowl mite (Ornithonyssus sylviarum). The black dots Mrs. T. had noticed proved to be the mites' droppings. Evidently the mites caused the itching, and the fact that Mrs. T.'s husband, a clothing salesman, was not affected, though he slept in the same room, was probably a matter of individual sensitivity. But how did the mites get into the bedroom of a Philadelphia suburban home? The medical detectives tracked them to an unlikely source -the window air conditioner. The machine's intake, on the street side, was

chine's intake, on the street side, was obstructed by two nests of the common starling. The mites had attached themselves to the starlings, but when the machine was switched on, they were vacuumed out of the plumage, into the bedroom and onto Jean T.'s sensitive skin,

#### SCIENCE

#### The Secret of Life

(See Cover)

Where did you come from, baby dear?
Out of the everywhere into the here.
Where did you get those eyes so blue?
Out of the sky as I came through.
—George MacDonald

The origin of baby dear, and the reasons for "eves so blue" are the concern of genetics, the comparatively young, fastdeveloping science of heredity that is trying to solve the mystery of life, as physics works at solving the mystery of matter, Genetics has already accounted scientifically for blue eyes (even in a strictly dark-eyed (amily). It is working toward an explanation of how the first life appeared on earth. It is offering knowledge that may lead to the cure of cancer. And it came along just in time to warn against misuse of another young science: nuclear physics. The comparative "cleanness" (low fallout) of the test bombs that the U.S. was exploding in the Pacific last week was in large part a response to the warnings of the geneticists.

So young is the modern science of genetics that some of its grand old men are still alive, and some who gave it form are still only middle-aged. Outstanding among them: Professor George Wells Beadle of Caltech, who did most to put modern genetics on its chemical basis. Geneticist Beadle is a mere 54. In his working lifetime he has seen genetics grow from a small, rather baffled specialty into a central, exciting science that is drawing the rapt attention of chemists, physicists, mathematicians, even astronomers, as well as nearly every type of biologist.

Monk & Peas. Genetics got its recognizable start, along with relativity, quantum theory and nuclear physics, during the scientific revolution of the early 1900s, but it had a strange, unpublicized start more than 40 years earlier when Gregor Mendel, an Augustinian monk and natural-history teacher in Brünn (now Brno. Czechoslovakia i, began experimenting with peas in the monastery garden. Mendel found that the parent plants transmitted their characteristics to their descendants in a predictable, mathematical way. When purebred red-flowered peas. for instance, are crossed with whiteflowered ones, all the seeds grow into plants with red flowers. But when these red hybrid plants are crossed with each other, one-fourth of their offspring bear white flowers.

Mendel concluded that the reproductive cells of peas contain factors inow called genes of two kinds: dominant, and recessive. The gene for red-dloweredness is dominant; the gene for white-floweredness is recessive. When red- and white-flowered plants are mated, the seeds produced get both genes, but the dominant red gene suppresses the recessive white gene. Recessive many contains the production of the contains the format of the production of the suppresses the recessive white gene. Recessive many contains the production of the contains the format of the production of the production of the contains the production of the production of the production of the contains the production of the production of

The addition-dowered gene, though suppressed is still in existence. When red hybrid dowers are mated together, each seed in the second generation has a onein-four chance of inheriting nothing has white-flowered genes. It will then bear white flowers, just as if its parents were of pure, white-flowered stock. The other three-fourths of the seeds will bear red three-fourths of the seeds will bear red there-fourths on the seeds will bear red there-fourths on the seeds will bear red there-fourths on the seeds will bear red

the control of the co

At the turn of the century, three scientists (Hugo De Vries in The Netherlands,

Blue eyes in humans are also commonly due to a sincle recessive gene. Dark-eyed people have this gene in its suppressed state, obtaining whave this gene in its suppressed state, obtaining the form an anestor so remote that his blue eyes have been forgotten. When two such people marry, one-fourth of their children (statistically) will have blue eyes.



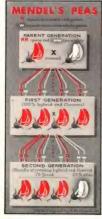
GREGOR MENDEL & PEA BLOSSOMS Where boby got those eyes so blue.

Karl Correns in Germany, and Erich Tschermak in Austriau independently rediscovered Mendel's principles. They also rediscovered his long-forgotten paper, and gave him full credit; the basic principles of genetics are still known as Mendel's laws. Genetics born at last to science's estate, went to work on the interwoven mysteries of life and heredity.

Key Chromosomes, For a while as often happens after a scientific breakthrough, additional discoveries came easithrough, additional discoveries came easiinheritance with the known behavior of chromosomes, which are threadilike bodies in the nuclei of cells. When a cell divides nonsocually, as in a growing plant or animal tissue, the chromosomes replicate (make copies of 1 themselves. Each daughthing has gone wrong, it is exactly like the chromosome set of the parent cell (see diagrams).

In sexual reproduction, the chromosomes behave differently. The sex cells (sperm and egg) are the end results of a complicated process (meioso are reduction division) that gives seek of them half as electronic to the end of them half as electronic to the end of them half as electronic to the end of the end of the edg, and if each contributed a full set of chromosomes, the fertilized egg would have twice the normal number. But if both sperm and egg contribute half as the end of th

Many years before the birth of the science of genetics, the chromosomes had been observed behaving in this way, but no one knew why they did. Genetics sup-



plied the answer, Reduction division is a kind of lottery that deals the fertilized egg half a set of chromosomes from each parent, like cards dealt out to players in a two-handed card game. When maternal and paternal chromosomes are slightly different, which is generally the case, their dominant genes (units of heredity | suppress recessive genes, as Mendel's red-flowered peas suppressed whitefloweredness. Each recessive gene is still riding its chromosome, and biding its time in obscurity. It can assert itself only when the corresponding gene from the other parent is also recessive. It may have to wait for many generations (in the case of humans, for hundreds of years) before it gets its innings. Then, free of suppression by a dominant gene, it produces a whiteflowered plant or a blue-eyed baby. Or, if it is a had gene, it may produce a deformed baby or a plant that hears no flowers

Nebroako Form Boy. These basic facts of genetics were becoming Known about the time Genetics! George Beadle was born in 1000. His father ran a small probability of the state of the state of the state of the property of the state of the sta

but he still dislikes cream because he had to skim it off endless milk pans. Wahoo was not noted for learning half a century ago, but its less-than-perfect school system did not slow or discourage

senoio system que noi souv or discourage Beadle's active mind. He made his own lunch generally jelly sandwiches 'he still hates jelly sandwiches and walked the three-mile round trip to sehool. When he carned a little money by such rural operations as keeping bees and trapping muskrats. he bought garlic bolognas two for

rats, he bought garlic bolognas (two for 5¢) at the Bohemian butcher shop. Beadle might be a farmer today if the Wahoo high school had not had a teacher, Miss Bess McDonald, with the gift of infectious enthusiasm. She taught physics and chemistry, and young George (ell in love with both her and her sciences. He spent long evenings at her house, wrapped in his schoolhov crush, and listened to her attempts to convert him to an unusual religious sect whose name he does not remember. He never hit the sawdust trail. but when Miss McDonald's religious appeals failed, she started persuading him to go to college. His father expected him to take over the farm, but Bess McDonald headed him for the University of Nebraska's College of Agriculture at Lincoln. A small inheritance helped, and father Beadle made no objection.

The Fruit Flies. Beadle entered college in 1022. At the time, genetics was still a small, specialized field, but it was growing in both importance and intellectual vogue. Its great man was Professor Thomas Hunt Morgan of Columbia University, founder of the "fly school" of genetics. He worked with Drosophila melanogaster, the small fly that congregates around fruit stands and garbage pails. As living instruments of genetics they were a happy choice. They are only 1/12 in, long, so their board bill is low. They produce new generations in about two weeks, multiplying rapidly in cream bottles stoppered with wads of gauze. They are easily come by; when a geneticist wants wild "genotype" flies, he puts a banana on the windowsill, and the genotypes come unbidden.

In large populations of fruit flies, a few are apt to be naturally defective, with stunted wings or misshapen limbs. In some cases these declets are inherited in a Mendelian manner, like the color of Mendel's flowers. Some traits are dominant, others flowers with the color of Mendel's chowness one traits are dominant, others caused by mutations of the color of the color of Mendel's chromosomes (they have only four pairs), and Moran's method was to study every ossible.





way that mutations could be passed from generation to generation.

Thomas Hunt Moragan's work won a Nobel Prize, and his laboratory was probably the first in the U.S. to which European scientists and students made serious pilgrimages. Genetic knowledge dredged on plant and animal breeding. Geneticists believe that a great bronze statue of a Drosophila suitably mutated, should be erected in some such place as from where panded by experically southerfacted comtanted by experically southerfacted com-

The gospel of fruit-fly genetics and its many practical applications reached young Student Beadle at the University of braska, mostly through Professor Franklin D. Keim, who was working on hybrid wheat. Beadle helped Keim in summers. and when he graduated from college in 1026. Keim got him a graduate assistantship at Cornell at \$750 a year. George Beadle still intended to become some sort of agricultural expert, but when he started working at Cornell with Professor Rollins Adams Emerson, founder of the 'corn school' of genetics, he found the work so fascinating that he could not leave it. He never returned to agriculture above the backyard garden level.

Enter Rodiction. About this time a mew thing happened to genetics. Since the beginning, geneticists had recretted the scarcity of mutuated files corn etc., to work with. The scarcity ended in 1926 when Professor Hermann J. Muller, now of Indiana Criversity, discovered that living organism create a wealth of mutations, suparently by damaging the genes in their chromosomes. Muller, too, won



EPHRUSSI & BEADLE (1935)
Where a science got its modern basis.



GENETICIST MULLER Mutations before Hiroshima.

a Nobel Prize, and soon most genetics buzzing with dwarfed, twisted, crippled or half-alive fruit flies whose ancestors

When Muller made this discovery, he may have heard a roll of distant thunder. but he could not have known what it meant. In the year 1926, long before Hiroshima, no man-made radioactivity was at large on earth outside the range of X-ray machines and radium cansules. and none was expected. No one suspected that in less than 20 years the mutationproducing effects of radiation would be a worldwide worry

The new wealth supplied by Muller's X rays gave genetics a big boost, and Beadle felt the benefit along with his colleagues. After getting his doctorate (in genetics) at Cornell in 1931, he went to the California Institute of Technology on a National Research Council fellowship. Dr. Morgan, grand maestro of the fruit flies, had moved there in 1928 to head the biology section, and several of his keenest disciples had come with him. Young Dr. Beadle found himself in the best genetic society

Teaming up with Alfred H. Sturtevant. one of Morgan's men. Beadle worked for three years on corn and fruit-fly genetics. But he felt vaguely that something was wrong, that perhaps corn and fruit-fly chromosomes were almost worked out. His friend Professor Boris Ephrussi, a visiting embryologist from the University of Paris, agreed, Both decided that genetics had become too isolated; what it needed was ideas from other sciences.

Taking a leave from Caltech. Beadle went to Paris to work with Ephrussi. Their first joint experiment was the delicate feat of transplanting an eye from one minuscule fruit-fly larva to another. After many attempts, an eye took hold and lived, and the two young scientists spent a whole day of celebration at a sidewalk café.

This was no mere stunt; it had a purpose-to find out whether the chemicals in one larva's body would affect the color of an eye transplanted from another larva. It did not work, but Beadle remained convinced that the innermost secrets of genetics and of life itself must be approached from the chemical angle. Skilled Cell. The idea was not original

with Beadle. Every biologist marvels at the chemical virtuosity of living cells. Under the eye of the microscope they seem placid things. The slimy protoplasm inside them sometimes streams slowly, but little other action is visible. This quietude is an illusion. The typical cell. which may be only one twenty-fivethousandth of an inch long, is aboil with chemical action. It is building thousands of complex compounds and tearing other thousands to bits. It selects nutrients that it wants, and in some mysterious way absorbs them selectively through its outer wall. Tiny, mysterious bodies move through its protoplasm, and inside the nucleus reside the powerful chromosomes. which most geneticists believe are like a chemical oligarchy controlling the activities of a chemical nation. If the cell is a fertilized egg, the chromosomes possess all the information needed to build the cell into a bug or a whale or a man.

Beadle believed that the easiest way into the chromosomes' citadel would be by finding mutations with single, simple effects on an organism's chemical behavior, This is the chemical approach that revolutionized genetics. Beadle did not really get to work on it until he went to Stanford in 1937 as a full professor, and he wasted several years more before he concluded that fruit flies (almost sacred animals with geneticists) are not the best subjects for chemical genetics.

In 1940 Beadle teamed up with Dr. Edward L. Tatum, a chemist now of the Rockefeller Institute, and selected a new laboratory victim, the so-called red bread mold (Neurospora crassa), which is really a beautiful coral pink in its natural state, unmolested by geneticists. Neurospora is a geneticist's dream. When properly introduced, it mates and reproduces sexually, It also grows nonsexually, so a truckload of mold with the same heredity can be grown, if desirable, from a single spore, But the best thing about Neurospora is that it asks for so little. It thrives on a medium containing nothing but mineral salts, sugar and a single vitamin, biotin, Everything else that it needs it can make out of these simple foods.

Mutated Mold. The Beadle and Tatum plan for Neurospora was to try to create strains that differ from the normal mold in simple, chemical ways. Their method was simple, too. They irradiated mold with X rays to induce mutations. Then they gathered spores formed by sexual reproduction and laid them out on a sheet of agar jelly containing the minimum nutrients that natural wild mold requires. Some of the spores sprouted and grew normally, showing that they had not been

mutated in any obvious way. Some were dead, perhaps mutated too much.

A few sprouted hopefully but did not grow. These were the interesting spores, They acted as if they were trying to grow. but needed something that they could not get from the agar or produce for themselves. So when a microscope showed such a spore, it was tenderly fed with vitamins, amino acids and other growthfostering chemicals in hope of making it perk up and grow normally.

At the start of the experiment, Beadle and Tatum resolved to make at least 1,000 tries before giving up. Such perseverence was not necessary. On the 200th try they found an ailing spore that needed only vitamin B-6 (pyridoxine) to make it grow lustily. When it had mated with a normal mold, it transmitted its need for vitamin B-6 to its descendants in the proper Mendelian manner for a single mutated gene.

This was what Beadle had been hoping for, His explanation is that the gene damaged by X-ray violence was originally responsible for producing an enzyme (organic catalyst) needed in the mold's process of making vitamin b-6 out of simpler nutrients. With the gene out of action, the process stopped, and the mold could not grow without help. It was like a human diabetic who needs an external source of the insulin that his body cannot make.

New Attitude, When Beadle and Tatum reported their success in 1041, they had quite a collection of defective molds. each needing some extra nutrient or having some other gene-controlled chemical ailment. In a few years their imitators filled their own laboratories with molds as unnatural as the most monstrous fruit flies. The coral fluffs of normal Neurospora are rare in the test tubes and Petri dishes. In their place are blackish warts, lichenlike incrustations, or sick-looking globules. One horrible kind of mold grown



CHEMIST EDWARD TATUM

Mutations after 299 tries.

in a moving liquid floats in bunches with limp limbs like soft, dead crabs.

An immediate, practical result of Neurospora genetics was the application of mold irradiation to wartime penicillin production. Much more important were the long-range scientific results. The success with Neurospora yielded new techniques for using molds and other small organisms as genetic tools. Out of its use flowed a new attitude toward genetics. No longer were genes considered abstract units of heredity. They became actual things, not entirely understood but known to be concerned with definite chemical actions. Professor Joshua Lederberg, 33, of the University of Wisconsin, probably the world's leading young geneticist, says that the Neurospora work at Stanford clinched the whole idea that genes control enzymes. and enzymes control the chemistry of life.

In 1936 Caltech needed a new head for its now famous Division of Blojony. Professor Morgan had retired. Beadle was tupped for the joh and accepted, knowted the properties of the personal research. Some of his Friends Felt that a great scientist was being wasted on a routine administrative job, and there was a precedent for their tears in the bistory distance of the properties of the proteed of the protein protein protein protein protein proteed of the protein protein protein proteed of the protein protein protein protein protein proteed of the pr

But Beadle was not wasted. Since hecoming chief of Caltech's biologists, he has revealed unexpected talents, including fund raising and speechmaking. His colleagues agree that his greatest talent is his way of encouraging and enhancing his division without visibly running it. He tries to function as a catalyst rather than as organizer, encouraging scientists from different disciplines to take a lively interest in each other's fields. Caltech's Division of Biology is equal to any in the world. and it operates in an atmosphere of amiability spiced with high intellectual excitement. These are Beadle's personal qualities, and he makes them infectious.

Morgan's House. In 1953 Beadle married young, handsome Muriel Barnett, a feature writer who still works at her newspaper job on the Los Angeles Mirror-News. She has a teen-age son, Redmond Barnett, whom Beadle has legally adopted. They live on Pasadena's San Pasqual Street near the Caltech campus in a charming, rambling house that once belonged to Dr. Morgan and was sold by his widow to Caltech. The grounds glow with flowers, some of them experiments in genetics but still attractive, and a patrol of eight Siamese cats keeps watch on everything interesting. Beadle is fond of all cats but Siamese cats are his favorites. He explains that they would be dark all over except for a mutated gene that permits dark pigments to be formed only in places (ears, tail, nose, etc.) that have a low temperature.

Magic DNA. Since the Neurospora breakthrough, chemical genetics has made startling progress. Its most important movement has been down the scale of size toward the actual chemical molecules that control life and reproduction.



THE BEADLE FAMILY & SIAMESE PETS

II Early

Never far from the geneticist's mind is the three-letter symbol DNA, which stands for deoxyribonucleic acid. It is a giant molecule of slightly variable composition that is found in chromosomes, and it is believed to the the substance that determines heredity and governs all cells and therefore all life; from the strong-hold of the nucleus, DNA has been known or exist for verse, but until postwar years.

l little was known about it. Now it is being attacked from many angles by nearly ev-

In 1953 Caltech's Chemist Linus Pauling, who won a Nobel Prize for his work on molecular structure, reported that the DNA molecule has a helical (spiral-staircase) structure. Later that year, James D. Watson and Francis H.C. Crick in England went a step farther. DNA, they said, is a double helix with two spirally rising chains of linked atomic groups and a series of horizontal memhers, like steps, connecting the two spirals. This molecular model, deduced mostly from X-ray diffraction photos, seemed complex and unlikely, but geneticists rejoiced when they heard about it. It was just what they needed to explain many perplexing things that they had been observing for years (see diagram), In the Watson-Crick model of DNA.

the two spirals are made of five-carbon sugar molecules (deoxyribose), alternating with phosphate groups. The "steps" connecting the two spirals are made of four "bases" cadenine, guannie, thymine, vytosiner linked in pairs. The pairs can point in either direction, but adenine must always be joined to thymine and massine to extracted.

The charm of this structure for geneticits comes from its variability. Each step between the helices can be made of either pair of lasses pointing in either direction. The pair of lasses pointing in either direction, chemical bands between bases are weaks, each spiral would be left with the four bases arranged in any sequence. If arranged meaningfully along the spiral, the bases could curry information in a four-necessary of the pair of the pair

Here, the geneticists now believe, lies the high command of growth and repraduction. Double-helix DNA molecules, thousands of turns long and arranged by





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thousands in each chromosome, can carry a vast amount of coded information. They may very likely carry enough to determine whether a fertilized egg grows into a clam or an elephant. When chromosomes replicate during cell division, the DNA molecules that they contain presumably replicate to.

Stealthy Viruses. This concept of the DNA molecule has started a vast amount of excited work. Mathematicians are trying to break its four-symbol code. Chemists are trying to dig deeper into its structure. All sorts of biologists are looking for effects of DNA on the behavior of living organisms, and they are finding a wealth of strange things. Loose DNA can penetrate certain bacteria, changing them permanently into a new strain. Many viruses are packets of DNA wrapped in a coat of protein. When a virus infects a living cell, it leaves its coat outside. The DNA enters the cell and takes charge of its activities, issuing chemical orders as if it owned the place. Its orders are simple: "Stop everything and make more virus particles packed with DNA." The cell obeys helplessly, turns its contents into virus particles, bursts and dies,

Sometimes a virus enters a cell and makes it multiply over and over, even if its unruly growth kills the animal of which the cell is a part. Several kinds of animal cancer are caused by such virus sewhose DNA presumably takes command and makes the cells multiply wildly.

Articoncer Orders, Some geneticists think that many ift not all kinds of cancer are caused by invading viruses. Others think not. But all agree that the genetics of cancer-causing viruses and cells that are their victims is a promising road toward the cure or prevention of cancer. If cancer cells multiply widty because the DNA of a virus is giving them orders, it may be possible to countermad those many be possible to countermad those some years of the countermad the counterman of the counterman of the countermal through the counterman of the cou

If DNA can change bacteria from one true-breeding strain to another, if may have some similar effect on higher animals, including humans. If such a process is discovered, not much DNA will be needed. The entire supply of DNA that could control the heredity of the next generation of the human species (seweral billion individuals) could be put in a cube one twenty-fifth of an inch on a side.

Geneticists are so confident of their new science these days that most of them do not dodge questions about the origin of life on earth. The first tiving things, they say, were probably crude, simple versions of DNA. They floated in an ocean, or perhaps some amalier body of water, and floating around them were all sorts of organic molecules that had been considered to the control of the contro

This would be true growth, say the geneticists, and evolution would soon im-



Linus Pauling
Up a spiral toward the mystery of life.

prove the original breed. DNA would eventually wrap useful in cells and retire to their nuclei to give orders. Cells would later band together into multicelled animals, but they would not escape the commands of the DNA within them. Samed Butter worder. As he is only an account of the total properties of the propertie

Genetics & Bomb Tests. A part of the public seems to think that the chief concern of genetics is the hereditary damage that may or may not be done by the radioactive fallout from nuclear bombs and bomb tests. Geneticists insist that this matter is not a central part of their science, but none of them takes the potential effects of fallout lightly. They have spent their working lives with experimental organisms deliberately deformed by radiation. They know how recessive damaged genes persist unnoticed for many generations, only to appear (and perhaps to kill or cripple) when two of them meet in the same fertilized egg. They know that some damaged genes in humans have bad effects so subtle that they are hard to measure or count. They suspect that radiation damage to genetic material may have many unknown relations to cancer. Most of them say emphatically that the less radiation on the loose, the better it is for the world. Beadle does not take an extreme posi-

because uses not takes an extreme postion. "As a generalistic "he say." I am prepared to say that fallout is biologically organics a month responsibility to humanity to reduce it to the lowest possible level." He is not sure "whether unclear-weapons testing has a military or other benefit that outweights the biological harm." But, like other geneticists, he knows too much to be indifferent to the problem.



"Ficture frame" test often dramatizer

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BUFFET'S STILL LIFE



LEONOR FINI & CATS

#### ART

#### Ice Cubism

In the 18th century painted decoration was the order of the day on everything from royal carriages to commoners' chamber pais. Has the time come to revive the tradition? Suggesting that the answer that the suggesting that the answer refrigerators decorated by ten tup Paris painters. The show, called "The Nobility of the Everyday Object," was billed by post-Painter Jann Cocteou as a victory post-Painter Jann Cocteou as a victory Said Journ de Prances.

Said Journ de Prances. "The most blance show of the year,"

Working with special cellulose paints guaranteed not to rub off or chip. Artist Bernard Buffet turned out a typical still life complete with pink fish, got an offer of 2,000,000 from it. Octean drew a doodle, surrounded it with blue blobs. Tube-Squirter Georges Mathieu held himself down, produced only

some wispy black lines and fuchsia smears. Oldtime Surrealist Léonor Fini turned her refrigerator into a Chinese lacquer box decorated with stalking cats.

The refrigerators will travel to New York and back as a floating art show on the S.S. Liberté: then will be auctioned off or charity. Whether the culturesin-the-kitchen movement would catch unterested to the control to the control

#### 23 Years of Grace

In the crowded lecture hall of the San Francisco Museum of Art gathered a who's who of art, from black-tied sponsors to shaggy bohemians. The reception committee numbered 50 strong, ranged

alphabetically from the Association of San Financiaco Diverse to the World Mains-Council. Sitting nervously on the stage, and at times close to tears, was the object of this outpouring of affection: durable, forthright Dr. Grace Louise McCan Morley, 57 CTBM. Feb. 28, 10553. Dr. Morley, the most respected woman museum director in the U.S., and the domition of the Council of the San Francisco Museum.

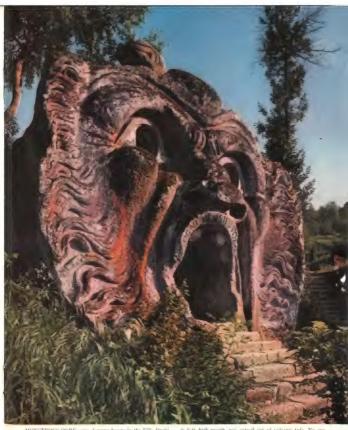
In a sense, the two paintings and the me sculpture witnessing Dr. Morley's farewell party one night has tweek were symbols in miniature of her long career. The Dieson Rivern harded back to the topos, when son Francisco artists were topos, when some francisco artists were thought the state of the sone of the state of

#### MARVELS OF BOMARZO

OFF the besters teak to miles methods of Remtands one of the strongers distonent on earth to musis love of the curious and hisarre. Near the Villa Orania at Bonazzo is whole exclutive gardee of beasts and users carved from volcanic rock (see, colar pages) on the site. Rarely has sentimen taken a more hisarre turn. Created in the stoon by Dade Pierfrancesco "Viction" Orania the little, the control of the colar pages of the page of the little, that the serves a memorial to Orania deceased the

The arrien was "rediscovered" when Salvador Dall jourposed there from Rome to pase in an orge's must be apposize while conversing with a white cat. Research by Italian and English scholars indicates that, far from being a surrealist chamber of horrors, the garden was originally a rather sedem effort to confine the woulders of the analysis arther sedem effort to confine the woulders of the analysis arther sedem effort to confine the woulders of the surtable sedem effort to confine the woulders of the surspinious on either side of the energy of the servision, Vicino Ossini did all the could to create the improve that some otherworldly spirit had brought the strange stone figures into existence, left no record of who the actual sculptors or stonecutters were.

and the source of Orsisté inspiration en he pussed at. The arcei seems horrowed from the Mouth of Hell leading to Plutos cave as illustrated in medieval musiceruse un Orold. The curous wordt rinnight the carreis mustra-Luciate Oroit. The curous wordt principal the carreis mustra-Luciate Oroit Pensievo Fú Que Burstae (Abandon althought, yew hoe enterv rester to the cup of forgetful-ness ancient Greeks thought was drunk hefore crossine the review Letch. The dragon-fighting littles frypolshyl on oblique reference to political feutlis derived from a sketch by Decnardo do Vinci. The elephant with castle was a symbol used to depict Eleszae's slaying of the besst of King Antichus st Jancelines 0:17-201, a fiel of self-steffice interpreted as preligioring Christ's marryrdom. But many of Vicino Orbitis finansiste remain discours. He set out of Vicino Christ's finansiste remain discours.



MONSTROUS OGRE, one of many beasts in the Villa Orsini gardens in Bomarzo, near Rome, is 20 ft. high, hides chamber

in 6-ft,-high mouth, was carved out of volcanic tufa. No one knows who carved sculptures or exactly when they were made.



18-FT. NEPTUNE is gradually being covered by moss in unattended garden now owned by Roman Lawyer Giovanni Bettini. Eerie works are based on Greco-Roman myths.



FIGHTING DRAGON seems to surge out of hill with mouth yapping at prey, a lion and a lioness. Bomarzo garden was originally sacred grove of Orsini family, famed for its popes, princes, feuds and orgies.

WARRIOR-CRUSHING ELEPHANT, with castle on back and victim in trunk, towers 10 It, above ground. Sixty miles from Rome and long ignored, Bomarzo valley garden attracts only a few tourists, mostly in summer.



SAN FRANCISCO'S MORLEY

un." was the big Clysford Still abstraction by the man who along with Mark Rothko. Sparked San Francisco's abstract art revival ("And foot think! I want balled by them at first." he admits). Here at the stood as symbol of her uncessing effort to firing the best of modern art to San Francisco. thus help bridge the upy that had tended to keep the West Coast fen to and Manhatian di rends se in Paris and Manhatian di rends se in Paris

Behind her. Grace Morley is leaving a museum she has built up from scratch. and that now boasts a growing first-rate collection, an active membership of 4,400 an annual operating budget of \$150,000. Says she, "I'm rather happy-my sense is of 'mission accomplished," As a farewell present, she will take with her four massive portfolios of art contributed by some 200 local painters, printmakers, watercolorists and sculptors whom she has long championed. Their admiration and affection is warmly returned by Grace Morley who says firmly: "The Bay Area is one of the most creative centers of art in the U.S." To the degree that this is true, it is largely thanks to Grace.

#### Period for a Period Piece

The defenders of Bridgeport's Gothictowered Walnut Wood mansion, designed in 1846 by famed Architect Alexander Jackson Davis (Time, Oct. 21 et seq.) resorted to politics, petitions, injunctions fund-raising and even picketing in their efforts to save the Connecticut landmark. But by last weekend the battle was lost. Bridgeport's Demucratic Mayor Samue I. Tedesco, who skinned through to victory by 161 votes last November on a Save-the-Manse platform, ordered wreckmg crews to tear down Walnut Wood and make way for a new city hall and civic center. The Bridgeport Historical Society claimed to have \$157,000 in pledges to preserve and maintain the building. Snapped Mayor Tedesco "Not one red cent has been produced up to this mo-ment." Walnut Wood, just about the finest Gothic Revival mansion in the U.S.

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#### Poor Show

Onto the playing fields and down to the rainswept rivers of England marched a pride of U.S. athletes. Most of them might as well have staved home. Items: CAt the Henley Royal Regatta on the River Thames, the University of Washington crew, whose trip to Britain was financed by voluntary subscription from loyal supporters, launched a gleaming cedar shell bought for them by U.S. admirers. But the long-legged Huskies, set to sail on with the Grand Challenge Cup, overlooked the heavily muscled Russians, who brought the same crew that narrowly lost to Cornell last year. Through a torrential thunderstorm Russia's Trud Club crew chopped off a snappy 37 strokes to the minute that gave them an immediate three-quarter-length lead. The Huskies started at 38. flagged to 31. lost by 15 lengths. The rain-soaked Huskies glomped off to their tent without congratulating the victors. Then the Russians trounced the Leichkardt Rowing Club of Australia in the finals by of lengths. Only U.S. consolation: Harvard 150-lb. lightweights whipped all comers in their class to win the Thames Challenge Cup.

I At Wimbledon it rained, rained, rained, rotting the roses and mildewing many a seeded reputation. Down fast went U.S. Oldsters Budge Patty, 34, and Gardnar Mulloy. 44. Still a hope in the quarterfinals was robustious Ohioan Barry Mac-Kay. 22. But Australia's mercurial Mervyn Rose caught MacKay slew-footed with teasing volleys and adroitly angled passing shots, eliminated him 6-2, 6-4. 6-4. Though Rose wilted in a semifinal rout by Fellow Aussie Ashley Cooper, the men's final was an Australian crawl again for the third straight year, with Cooper beating Teammate Neale Fraser after a fierce 24-game fourth set, U.S. women did better: California's pesky 5-ft, 1-in. mite. Mimi Arnold, 10. startled the crowd with a savage 10-8, 6-3 mauling of Britain's ballyhooed six-footer. Christine Truman. Then Arnold lost in the quarterfinals to Mme. Suzi Kormoczi. 33. the shrewd Hungarian typist. That pinned remaining U.S. hopes, as usual these days, on poker-faced Althea Gibson, 30. In the final. Althea efficiently walked over Britain's Angela Mortimer 8-6, 6-2. But nowhere was there a sign of that combustible quality that lights the eye of U.S. Pro Promoter Jack Kramer. Said he: "I don't want any of these guys, let alone the dolls. My payroll is full.

#### Harness Kina

From a wast, air-conditioned restaurant with sweeping glass windows, thin, tanned women and fat, pale men peered over thick steaks and cool drinks at the dirt track below. Roosevelt Raceway, the orange-and-magenta pleasure dome at Westhury, NA, was having its biagest harness-racing season in history. A record \$5.44 million had been bet in the first \$5.44 million had been bet in the first \$5.



O'Brien Hanover & Trainer Miller In suspension, domination.

days of the meeting. For the highlight Messenger Stake\* prize money had reached \$108,565, making it the richest pacing race of all time.

Set Down, Early elimination trials rarrowed the field to ten of the nationis best three-year-olds, driven by the nationis top drivers. But the best all-round harness man of them all was not driving. Balding twinkly Del Miller was sweating out a 15-day suspension, imposed by the stewards for his driving in an earlier Roosevelt race. Miller had pulled tack at the halfway mark presumably to find a hole allong the rail. There was no hole. He came in last, was promptly set

9. Named int a creat, grey Enelish tace horse who retired to a rich old Unserient authorities. See Many of the Market authorities as Man of War, War, Admiral and Seablecutt, plus out of all U.S. trouters and pacers. Messenand in La Faring Sea Survey of Long Island's Physics Rev Country Chin.

#### BASEBALL'S BIG TEN

The major-league leaders, as of the Fourth of July:

NATIONAL LEAGUE
Team: Milwaukee (by 1½ games)
Pitcher: McMahon, Milwaukee (6-1)
Batter: Musial. St. Louis (1,302)
RBI: Thomas. Pittsburgh (100)
Home Runs; Thomas. Pitts, (122)

AMERICAN LEAGUE
Team: New York (by 10) games)

Pitcher: Turley, New York (12-3) Batter: Ward, Kansas City (1326) RBI: Jensen, Boston (05) Home Runs: Jensen, Boston (24)

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down for driving "in a manner inconsistent with an attempt to win." Even under suspension 45-year-old Del

Miller was still the dominating presence at Rossevell. In fact, in the last ten years he has become the dominant figure in the whole sport. Raised on his family's breeding farm in Pennsylvania, Del Miller has and trainer. His most spectacular success came in 1938, when he lought a stallion annuel Adios for \$21,000. Alides earned him \$1,000,000 in \$40,000. Alides earned him \$1,000,000 in \$40,000. Alides earned him \$1,000,000 in \$40,000. Alides earned him \$1,000,000 in \$1,000. Alides earned him \$1,000. Alides earned him \$1,000,000 in \$1,000. Alides earned him \$1,000. Alides earned

All My Children, Of the ten Messenger entries, four were offspring of Adios-Raider Frost, Ike Frost, Adios Paul and Kwik. Two who were not were Del Miller's own entry-a pair of colts named Thorpe Hanover and O'Brien Hanover. Owned by Pennsylvania Oilman Hugh Grant. Thorpe and O'Brien were sons of Tar Heel-another Miller-developed sire. Grant, who depends on Miller's advice and uncanny instinct for horseflesh in making his purchases, bought the two colts in 1956 for a modest \$13,000 and turned them over to Miller for training. In his skilled hands they had already won \$103.463 in prize money, as an entry went to the post 19-20 favorites,

As the gaie pulled away and the rate began Del Miller watched unhappily from the dubbouse. His mood changed fasts. As the pacers whipped past the threequarter mark his O fitten Hanover was in the lead with Thomps Hanover order look to be a straight of the part of the partial by Tommy Winn's Flying Time marred a straight one-two finish for Miller's Tar Heel colts. Their first and third took \$57\_410.65 of the total parse. Also in the money in fourth and fifth placecalos was Rathee Frost and Adius Faul. Chapped the New Section of the Partial Partial From Del Miller was systemy and Trainer Del Miller was systemy and Train-

#### Scoreboard

¶ In the straightaway. Clem shot past favored Bold Ruler in the \$83,400 Suburhan Handicap at Belmont, headed for a fine upset finish. But ancient (42) Eddie Arcaro was aboard Bold Ruler, who was laboring under a whopping 134 pounds. Acraro coazed another ounce of will out of Bold Ruler, and the horse surged past Clem to win by a nose.

G Boxing Judge Bert Grant, 51, was indicated in New York City on charges of taking bribes up to 8 too to influence his decisions in the bouts. His alleged briber: Manager Herman ("Hymic the Minke") Wallman. A Manhattan furrier and reputed front man for Frankie Carbo, the underworld commissar of boxing, Wallman's utgers won all the bouts; Judge Grant is accused of making were they did, grant the crusted of making were they did, suspended both men, banned Wallman's fighters, including Heavyweight Alex Mitelf, Middleweight Randy Sandy and Featherweight Be Chestnut.



Dick Martin, crack amateur tennis player, on the court at the Caribe Hilton. Photograph by Tom Hollyman.

#### "Suddenly, all my friends are drinking the dry rum I discovered under the brilliant Puerto Rican sky."

"Little did I know what I was starting when I drank my first Rum Collins in Puerto Rico last winter," says Richard Martin of New York. "I did know that I was drinking a dry rum. Bright. Clear, Brilliant.

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"We've found that rum is versatile. Rum and Tonic, Rum old-fashioneds, Daiquiris, Rum on the rocks. The list of delicious rum drinks is long and distinguished. They all taste good.

"Next to a vacation in Puerto Rico, I suggest

"Next to a vacation in Puerto Rico, I suggest a fast game of tennis followed by a Rum Collins on a summer's afternoon, Smashing!"

Rum Collins Recipe: 2 oz. white Puerto Rican rum – juice I lemon (1 oz.) – I teaspoon sugar-shake with ice and strain into tall glass ower ice. Add club soda, cherry, and orange slice. For free rum recipes, write: Rums of Puerto Rico, Dept. T-1. 666 Fifth Ave. N. Y. C. 19. Rum Colli





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#### RELIGION

#### The Poor Parson

Of all the Protestant ministers in the U.S., two-thirds are in debt, and a large percentage of ministers wives have to take outside jobs. The U.S. Protestant minister's average cash silary comes to \$14,432 a year for a do to to Sohout week (New Bradishi ministers, the lowest paid largely come from the ministers own packets—their average travel allowance is less than \$2,000 a year.

These depressing statistics are part of a survey by the National Council of Churches that will be published in full most fall. Editoralized last weeks: Christian Century: In the old American view, the parson was "the representative 'person of the community: partaking of its representative beth-economically as well as otherwise. The lady of the numse, as of the control of the con

"In modern America's 'money world' Mr. Parson cliens to the lower runes of the economic ladder. He is often dependent on gratuaties and tips to make ends end of the economic ladder, and the ends of the economic ladder, and the ends of the economic ladder, and the ends of the economic ladder model and economic ladder model. The economic ladder ladder

#### The Bishops at Lambeth

In Canterbury's 700-year-old cathedral, more than 300 bishops of the Anglican Communion knelt five rows deen on a crimson carpet to receive the blessing of the Archbishop of Canterbury, Bowed under the weight of his damask robes and overshadowed by a huge silver cross Geoffrey Francis Fisher intoned. "We humbly beseech thee that thy Holy Spirit may lead into truth thy servants the bishops gathered together in thy name. Grant them grace to think and do such things as shall most tend to thy glory and the good of thy holy church." Thus last week opened the ninth (since 1867) Lambeth Conference, which every decade brings together the world's Anglican bishops. This year's attendance: 72 Church of England bishops from Great Britain, ge Episcopal bishops from the U.S., and the remainder from the Anglican Communion throughout the world.

Before last sweek's opening service hegan, the invited disnataries from other churches entered the cathedral in solemn procession—among them Alexandrian Archimandrite Parthenios Coinidis, Armenan Bishop Bessak Toumayan in his tall black hat, white-hatted Russian Ortthodox Metropolitan Pitririn of Minsk (Cyprus' Archbishop Makarios had been invited by Dr. Fisher, but to everyone's relief iailed to turn up). Then came the overseas bishops of Canterbury's jurisdiction—the Analican colonies and proxinces. The procession showed the Analicans racial diversity. Among 32 members of mission dioceses, there were nine black hishops from West Africa, tour Japanese bishops, eight from India-Pakistan-Ceylon, a Maori from New Zealand.

Down to Work, After a social series of garden parties, rea parties and a boat trip on the Thames, the bishops this week will move into the raftered hall of London's red-turreded Lambeth Palace (the Archhishop of Canterbury's residence) and buckle down to work. Though the conference, strictly closed to outsiders, has no official, buding force on the Anglicon

WIFFIEN NATIONS. Said one bishop: "the H-homb will come under discussion, but I double if we shall come out 100" against it. After all, death from an H-homb arrow. The homb itself is neither good one revil. It's something like the Industrial Revolution. Ind as for its alleged genetic afterefiects think of the haves wrusked on future generations through a death of the companion of the companion

The Church's Chance. Birth control as perfected to be the biggest issue in the discussion of The Family 17 Modern Society. The bishops will probably come out in favor of birth control education. In the words of the preliminary report,



ANGLICAN PRELATES & GUESTS IN LONDON\*
Bible, pomos and birth control.

churches, the bishops know that their decisions will carry considerable weight.

First topic on their agenda THE HOLY BIBLE ITS AUTHORITY AND MESSAGE, SO far has the pendulum swung from literalist respect for the authority of the Bible. the bishops feel, that even some professing Christians are tending to look upon it as a collection of fairy stories. To combat this tendency, the bishops hope to educate the public to interpret Biblical statements and events in terms of the thought forms of the people who wrote the Scripture down, Said one bishop: "The Bible mustn't be thought of as the Koran is thought of. It hasn't got the personal authority of the word of Mohammed behind it, but its every word is illuminated by the Holy Spirit, This idea we must get across once again, and if we can, people may understand that the Bible can help them deal with many of today's problems by guiding them in the

way the problems by guiding them in the
way the problems should be approached."

Also high on the agenda is The RecONCILING OF CONFLICTS BETWEEN AND

"Christians may give support to any government deciding to encourage family planning in conjunction with efforts to raise the standing of living."

What the bishops have to say on these and other matters will be attentively followed even in near-empty-church England, Wrote Britains Revuelds Nears. "This coming month will provide an opportunity to test what has almost become a new Christian dogma of our time: that though very lew go to church, everyone is interested in what the churches are coing. This is the church's hance.

#### The Baptists of Sant'Angelo

In the early hours one January morning, the clang of church hells broke the stillness over the vineyards and onve groves of Sant Angelo in Villa about 50 miles southeast of Rome. At the sound of

The Archbishop of Canterbury the Bishop of Smolensk, the Metropolitan of Minsk, the Metropolitan of Varna, the Archbishop of York, Bishop I. I. Soutie of Western New York.





#### **EDUCATION**

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the tocsin, villagers tumbled out of bed and, dressing as they ran, swarmed to the church, shouting threats. The alarm had been sounded by two early risers who had spotted the enemy on their way to work. The enemy: Parish Priest Andrea Tarquini, who, flanked by three carabinieri, had tried to slip secretly into the church to sign a document that the whole village considered an outrage.

The document: a separation decree issued by the local bishop taking the nearby village of Giglio out of the Sant'-Angelo parish. To the 500-odd villagers. this parish chopping seemed intolerable. Sant'Angelo parish had become too big. insisted the bishop. Retorted Emilio Cianfarano. Sant'Angelo's rebel chief: "When you split a family, the whole family suf-And besides, grumbled the rebels, the bishop had been swayed by Giglio donations of nearly \$5,000 toward a new church. Despite the heat caused by such arguments, the villagers failed in their early-morning assault. Before nightfall. 70 more cops arrived from nearby towns, nine men were hurt, 15 jailed, and the bishop's decree was duly signed.

Bible Quiz. That was two years ago. Since then, Sant'Angelo in Villa has known little peace. Three parish priests came and went, and half the villagers boycotted the church. One day a young (33), eloquent Baptist minister came to the village, was challenged by a priest (and locally famed Bible expert to a Bible quiz in Latin and Greek, After four hours and 45 minutes, the Baptist came out success. Pastor Graziano Cannito began to hold services in a private house, soon chalked up 70 Sant'Angelo conversions. In nearby towns, which he tirelessly covered in his little Fiat, he had made more

than 300 other converts Last November, when Pastor Cannito applied for permission to build a new church (with donations from the U.S. Southern Baptist Convention), war broke out again in Sant'Angelo. Although Rome's Ministry of Public Works gave its approval and the Baptists started to build, the local mayor issued a firm no. Contrary to the standard plot rules of Italian church-state village dramas. Mayor Antonio Baldassarra was not a Communist. but a Christian Democrat who was outraged by the prospect of a Protestant church in Sant'Angelo in Villa,

Abusive Building. When the mayor refused a request from the builders for water, the Baptists dug their own well ("God helped us find water"). Finally the mayor leveled an ultimatum: Take the "abusive building" down or the cops will.

Two carabinieri showed up with orders to stop construction: Pastor Cannito rushed to the district judge, who promised to review the case, meantime warned Cannito that if one more stone went up. the pastor would go to jail. By last week. work had been stopped on the halffinished Baptist Church of Sant'Angelo in Villa, Said Manfredi Ronchi, president of the Baptist Union of Italy; "If dark forces prevail, we will have to sufter.

#### Kiplinger Tells How To Be Money Ahead When Recession Ends

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#### THE PRESS

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Day after day, solemn, black-browed Seymour ("Top") Topping, 36, chief of the Associated Press Bureau in Berlin, pestered officials of Communist East Germany for a seemingly impossible story; an interview with the nine U.S. soldiers held incommunicado in East Germany since their helicopter was forced down last month (see NATIONAL AFFAIRS). One night last week Topping's phone rang, and a come to the East Berlin Foreign Ministry tomorrow morning at 0845.

Friend in Dresden

At the ministry next morning, Topping was greeted by a press officer. "I am happy to advise you that your request to see your countrymen has been granted. Then, disconcertingly, in walked eight other journalists, representatives of various Communist newspapers in East Germany and Western Europe. Topping was the only American present. Bundled into four limousines, the party whisked over the Autobahn south of Berlin, while the Communist hosts shrugged off questions on their destination

When the caravan stopped 100 miles away before an aging villa in Dresden. Topping as a "guest," was allowed to lead the way inside, came suddenly face to face with the nine American prisoners. Some were dressed, some were in underwear, and all were obviously startled to find they had visitors. Before any loaded question could be asked or rash answer given. Topping quickly dug his Defense Department credentials card from his hip pocket, flashed it before the eyes of his suspicious compatriots and said "Topping, Associated Press. May I see your senior officer?" Out of the group stepped Major George Kemper, Topping, a World War II infantry captain, promptly warned the major that the other newsmen were Communists and added: "I suggest you and your group get together and decide whether you want to hold a press conference and, if so, what you would like to say."

Topping's tactic worked. The Communists left the prisoners alone. Wisely the armymen agreed that Major Kemper would be their spokesman.

It was quickly evident that Kemper had no idea the Communists were using the Americans as hostages to pressure the State Department into recognition of the East German government, When Topping asked permission to present the facts of the case to Kemper so he could answer questions intelligently, he was cut off with: "No statements." But a Communist official promptly made a statement of his own: "The German Democratic Republic is making no political conditions for your release. It is the American side that is making the conditions. Topping tried to get some data to Kem-

per by asking rambling, fact-studded questions. Then, while the Red cameramen changed film. Topping moved close to Kemper and quickly briefed him sotto



MAJOR KEMPER & REPORTER TOPPING News in both directions.

voce on the case and the State Department's protests to the Communists. The major was clearly relieved that he and his men had not been forgotten, and Topping had his exclusive story-one that both the A.P. and his countrymen could

#### Magnificent Obsession

view with pride.

As the roll call on the Alaska statehood bill began on the floor of the U.S. Senate last week (see NATIONAL AFFAIRS), a shy, round-faced man in the press gallery hurriedly placed a long-distance call. His party was 3,300 miles away: the daily News-



News at the instant

68

Miner in Fairbanks, Alaska, In his flat monotone, Publisher Charles Willis ("Bill") Snedden pridefully described history in the making to Managing Editor George Sundborg.

"I told George the instant it passed," asid Snedden later, "but damn it, he winked or signaled to someone, and the word get out to the newsroom and the streets. Sirens, started blowing, homeone house, require shricking and yelling, It be made to the property of the prop

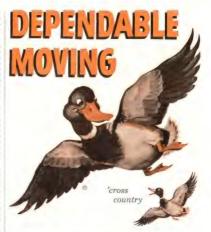
Delivery by B-47. In Fairhanks. Manating Editor Soundborg on Stedelms, story, on the presses, whirled out the last page of a special four-color, 40-page Issue. He hustled 2,000 copies to nearby Ladd Air Force Base, where a B-17 was about to Lake off for Washington. By lunch time next day, every Congressma and Senator had a copy of Snedden's Nests-Miner headlined. Oxforces AIRSNA ALSENA.

For 44-year-old Plulisher Snedden, any less dramatic performance would have been an anticlimax to his-arduous, four-year compaign to get Alaska into the Union. Not even Governor Mike Stepowich Ulasz, June 30 worked harder. Every fall he put out a special 143-143ge, four-our-sours on the glories of Alassa, sent a consequence of the glories of Alassa, sent a the editor of every U.S. paper with more than 50-000 circulation.

This year, smelling victory, Snedden spent five months in Washington working hand in glove with Fred Seaton, Secretary of the Interior, and himself boss of a string of eight daily newspapers in Nebraska, Kansas, Wyoming and South Dakota. Snedden paced the Senate and House office buildings, flipping through 3-by-5 cards printed with summaries of legislators' stands on the bill, fed data to pro-Alaska Senators, whipped up answers to every possible objection to statehood. His influence was everywhere. When Washington's Senator Henry ("Scoop") Jackson momentarily flagged in his zeal for statehood, he was spurred on by eight Washington editors who had been spurred on by Snedden. "You start off with something as a hobby," says Snedden. "Pretty soon it's an avocation. And then it's an

Eye on the Future, Staunch Regulation Sindlend did not always have his magnificent obsession. Growing up in the Northwest, he learned the back-shop trades of the news business, mastered the Linotype when he was 14, developed into a skilled dictor of slumping papers, and incidentally, made a pile in real estate. When he seem up to Fairlands in 1950 to diagnose what ailed the sick News-Miner of Austin ("Cap") Lattrop. Snedden was canwinced that Adiska should not seek

Snedden bought the paper on impulse, sent for his wife and son, and settled down in Fairbanks. The troubles he en-





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countered in trying to run a business in a territory convinced him that statehood was the only answer for Alaska. With a booster's confidence in the future. Snedden bought an expensive, highly modern press capable of handling a press run of 200.000 (his present circulation is only 0.-405), now turns out some of the handsomest newspaper color work in the nation.

Publisher Snedden will not say how much money he has spent on his crusade ("Too damn much-just ask my creditors"), but he doesn't really care. Says he contentedly: "From a strictly business standpoint. I'm reasonably sure I'll be getting that money back in due time. If not I've had more than my money's worth.

#### News v. the Grasshopper

The grasshopper plague that was swirling over Colorado last week brought misfortune to farmers, mischief to tourists, and misery to Denver's Rocky Mountain News, a Scripps-Howard tabloid (circ. 157,848) with a tendency to swat away indiscriminately at any story that flies by

At the first whirl of wings last month (TIME. June 161, the News had urgently tagged the grasshoppers as a major menace: "Eastern Colorado faces a disastrous plague." The normally Republican News even applauded when Democratic Governor Steve McNichols got \$1,500,000 for hopper-fighting out of the legislature after the Federal Government had turned down his request for \$10 million. Exhorted the News: "There is no time to lose

Then party-lining Republicans, defending Washington's refusal to allocate disaster funds, charged that the grasshoppers were a figment of McNichols' Democratic imagination. And the News abruptly decided that the grasshoppers were nothing but Democrats on the wing. In an editorial starkly headed. "We Failed Our Responsibility," the News confessed that it had ignored frequent reports that the plague was "grossly exaggerated." and concluded. "The Rocky Mountain News. as well as other well-meaning citizens of the state, were caught up in one of Governor McNichols' manipulations during a political year. And we don't like it.

Two days later the grasshoppers swarmed in to spoil the News's crop of political hay. Burying the story on page 12. the News reported unhappily that pilots were climbing to 10.500 ft. to get over clouds of grasshoppers in eastern Colorado. Next day the News carried (on page 26) a story from its own reporter, who had joined a group of newsmen touring the infested area at the Governor's invitation. Their man reported that newsmen "waded through waves of hoppers" and that "overhead millions of hoppers darted northward like silver minnows in the sea of blue sky.

Unabashed, the News went on to complete its 300° coverage of the story, Under a picture of grasshoppers munching on a sparse hunk of cactus, the News last week blandly identified Governor McNichols as the man "who has been criticized by some federal officials and Republicans for 'magnifying' the situation.'

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The

# black box that guides a man or missile

.. without stars, radar or human help

Imagine yourself in a closed elevator hurtling through space at several times the speed of sound. You can't see out. You have no radio, no compass. Yet your survival may depend on knowing exactly where you are during every second of the journey.

This gives you some idea of the situation that confronted supersonic manned aircraft and missiles—until the development of the all-inetial automavigator. Unlike earlier navigation systems, it does not depend on star-fixes, compass bearings, radar, or radio beams, its accuracy cannot be affected by weather, magnetic storms, or jamming.

Sealed in its "black box," the allinertial navigator is completely selfsufficient. Just tell it the starting point and the destination—and it will take you wherever you want to go. Equally important, it will tell you exactly where you are at any given moment.

This new navigator will be a vital part of America's manned and unmanned weapon systems...a valuable aid for ships and submarines. And it has brought the exploration of Outer Space much closer to reality.

#### Space Age pioneers

This remarkable invention was first demonstrated successfully, way back in May, 1950, by the Autonetics Division of North American. It is based on a system known as Inertial Navigation, which Autonetics brought to perfection through intensive research, new methods of precision manufacturing, and more than 800 flight tests in both manned air-craft and missiles.

The first missile to be guided by intertial navigation was the Navigation, developed by Missile Division. Aerodynamic and propulsion-system data from the 12-year Navaho program have been of Immense value to America's missile programs. The division is now working on the GAM-77. a lept-powered air-to-surface missile that will give new striking power to the Air Force B-92.

North American's pioneering paid off again when the Army launched its Explorer satellites. For the rocket engines that gave the Julies. For the rocket engines that gave the Julies into Outer Space were the same model that has been in production at the Rocketdyne Division since Division since Division since production at Rocketdyne's engineers when the Rocketdyne's engineers. Rocketdyne's engineers were the Air Force Air fo

### The new manned weapon systems

NAA has turned its experience with supersonic aircraft, greatest in the Free World, to creating now manned aircraft for tomorrow's Air Force and Navy. The Los Angeles Division is at work on the B-70, a 2000-mph bomber with global range, and the F-108 long-range interceptor—both for the Air Force. The Columbus Division is building the A3J Vigilante carrier-based attack weapon system for the Navy.

And North American is building the first American craft to attempt manned flight in space—the rocket-



Trisonic Test Flight. The 2200-mph Navaho pioneered America's missite technology.

Missile Division is now at work on the advanced GAM-77 for the Air Force B-52.



New Supersonic Bomber. The carrier-based A3J Vigilante, recently unveiled by Columbus Division, gives the Navy its first supersonic attack weapon system.

powered X-15—for a scientific project sponsored by the National Advisory Committee for Aeronautics, the Air Force, and the Navy.

### Nuclear reactors for peace

North American has pioneered in creative uses of the Peaceful Atom. The Atomics International Division builds nuclear reactors, to increase the world's resources of electrical power and to advance medical and scientific research for humanity.

Today, in North American and its divisions, paul find an potent a combination of scientists, engineers, and production men as any in American industry. Because they are constantly forging ahead into vital new technologies, much of their work holds immense promise for science and industry.

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### BUSINESS

### STATE OF BUSINESS On the Rise

The construction industry is "well past the relatively mild recession." So last week reported F. W. Dodge Corp., the Boswell of building, May construction contracts-the best indicator of future building activity-rose to an alltime high of \$3,403,000,000. Seasonally adjusted. lion, away up from last December's slump low of \$25.3 billion. Sharpest gains came in publicly financed projects (up 14%) from the year-ago level; a sign that the Government's highway-building program is picking up speed. Housing awards rose at above May 1057, though contracts

Other signs of economic recovery ¶ U.S. manufacturers rang up their first sales increase since the recession began. from \$24.9 billion in April to \$25.1 billion in May, on a seasonally adjusted basis. Most cheering point: all the gain came in durable goods, which have suffered most in the recession. In addition, new orders for hard goods jumped \$500 million during the month (to \$11.3 bil-

for factory buildings fell 32% because of

recession cuts in capital expansion plans.

C Retail sales rose Stoo million in May to \$16.6 billion, but department store sales in June dipped 3% from last year's rate, the Federal Reserve Board said. Inventories were liquidated at a slower rate in May, meaning that the time is coming closer when businessmen will have to replenish stocks and increase produc-

tion. In May, total manufacturing and trade inventories stood at \$8: billion, a decline of \$650 million, v. \$800 million drops in March and April. The surge in sales and orders brought

more jobs. The Labor Department reported that factory hirings rose from 25 per 1.000 workers in April to 20 in May. while lavoffs tumbled sharply from 30 to 24 per 1.000. Insured unemployment has fallen for ten straight weeks, in the week ended June 21 went down 93,700 to 2.610,900, or 6.2% of the covered work force, v. 8.1% at the recession high in April.

The good news last week brought more optimism to Wall Street. The Dow-Jones industrial average rose in every trading session, went up almost 5 points for the week to close at 480.17, highest level reached so far in 1958.

Best stock gainers in April-June quarter were:

Farm equipment makers	Up 24.4"
Motion pictures	Up 15.25
Drugs	Up 14-75
Air transport	Up 13.95
Rails	Up 13.15
Tobaccos	Up 11.35
Television	Up 10.3
Automobile equipment makers	Up 10.0
74	

### More Billions from Defense

From the Pentagon came new figures showing that the major impact of stepped-up Defense spending still lies ahead for U.S. business. In fiscal 1958, just ended, new orders-the key to future activity-rose from \$2.1 billion in the opening quarter to \$3.9 billion in the second. \$4.; billion in the third and an estimated \$5.3 billion in the final quarter. New construction orders rose even more swiftly than the overall rate: from a



Sao million-a-month level last fall to S300 million in June.

Because of production lead time, the actual cash payments from the Pentagon went up more slowly, reaching \$38.7 billion for the year, v. the \$30.1 billion expected. The shortfall throws that much more actual spending over into fiscal 1050. Last week the Defense Department scratched the most recent estimate for 1959 spending of \$40.5 billion and wrote in \$40.7 billion, probably only the first of several upward revisions.

Slowest segment of the economy to respond to the Department's turnaround on spending is the aircraft industry. While Defense has placed many new orders. most companies are just entering the stage of stepped-up employment. With orders nicely backlogging, the spurt of inventory building and deliveries is at least three months away,

### Boost for Trucking

After its worst first quarter since World War 11, the trucking industry last week saw signs that business is picking up. Tonnage hauled in May was 2,6% above April (though still down 5.86; from last year). Truckers expect the June figures to show a bigger rise. To economists, who consider trucking a good index of general business conditions, it was another cheering sign of improvement in the U.S. economy. Truckers haul about 20% of the nation's freight -and because most of their freight is finished products rather than raw materials, they are sensitive to a pickup in sales.

Most of the improvement showed up in the West, the Southwest and the Rocky Mountain region; truckers in the Midwest, the South and along the Atlantic Coast were still in trouble. Building materials hauled were up 12.2', for the first quarter above last year, reflecting the rise in construction and shipments of liquid petroleum, household goods and refrigerated liquids and solids were also up.

The American Trucking Association believes that profits are also edging up, after plunging o8% in the first quarter, Faced with the prospect of better business, the big companies are going ahead with capital expansion plans, Continental Transportation Lines expects to spend more than Saco.coc on additions to garage and new equipment; Interstate Motor Freight plans to get three smaller shipping companies; Ryder System will spend \$1,000,-

### Subsidy or Else?

Putting on the pressure, money-losing eastern railroads last week appealed to three states for tax relief or subsidy. The alternative: shut down some major pas-

Wew York Central's President Alfred Edward Perlman warned that the line was ready to cut off all commuter service into Manhattan, close the famed Grand Central Terminal and terminate all routes 43 railroad miles away at Harmon, N.V. unless the state and its cities "help" the line overcome its overall \$1,000,000-perweek passenger loss. If the Central should move out. New York City would lose its third biggest cafter Consolidated Edison and New York Telephone Co. 1 taxpayer (St6 million last year). To keen it, the city last week followed one Perlman suggestion, started a study of the possibility of "integrating" the line's Park Avenue tracks into the city's subway system, which could mean some payment to the Central, In Massachusetts, the New Haven Railroad cheered for a bill to give a \$900.000 subsidy to the line over the coming twelve months. Unless it passes, the New Haven

may make good its longstanding threat to cut off passenger trains on the Old Colony Line, which would strand thousands of Boston's South Shore commuters. In New Jersey, nine eastern rail lines,

including the Pennsylvania and the New York Central, urged Governor Robert Meyner to postpone their \$18.5 million tax bill for 1958 to ease their "insurmountable burdens."

Though "subsidy" has long been a dirty word in the transportation business, chances are good that the troubled rails will get some aid.

### Slump's Worst Victims

The bigger the business, the better it has resisted the recession. The Securities and Exchange Commission and the Federal Trade Commission reported last week that in 1958 first quarter, small businessmen suffered the worst profits pinch, For manufacturers, the annual rate of after-

tax profit to stockholders' equity was:

Assets
Over \$1 billion
\$50 million to \$1 billion
\$50 million to \$1 billion
\$50 million to \$1 billion
\$40 million
\$40 mill

Altogether, the average return dipped from 11.0% a year ago to 6.8%, lowest since the quarterly calculations began in 1947. Total after-tax profits for manufacturers: \$2.5 billion, down 40%.

### MARKETING & SELLING Spur for the Front Lines

San Francisco's venerable Levi Strause & Co. Llevi gunts! has lone held out against stales contests, gimmicks and give aways, convinced that the only way to boost sales is to get the salesman to work tradition and decided to give its salesmen one big reason to work harder: a salesmentive program for its staff that pays them a cash honus for new accounts or sales over quotus. In we offing, it joined the program of the staff in the pays them as the sales over quotus. In we offing, it joined the program is combatt the conscious.

To most U.S. salesmen, the greatest incritive of all is still cash on the paycheck in the form of extra bonuses and commissions. But cash incentives are gradually being supplemented—or replaced—by rewards that have a greater "remembrance value," such as trips for both the salesman and his wife and family. One reason man the properties of the properties of the progret home, are blown in a poleer game of space on the total cash.

Hewoiion Holidoy, Philos Distributors of Les Anueles recently offered a Hawaiian holiday to its top dealers, retailers and askee personnel, gost 100 winners. The program case \$80,000, but it increased sales have been seen to be a seen to b

panies offer fully paid trips to Europe. Many companies shy away from big re-



RICH CROWNING SALES KING & QUEEN Whistles for the kids, ulcers for pop.

wards alone because they can be given to only a few, are won again and again by the same crack salesmen. Instead, they hand out smaller prizes that give everyone a chance. National Cash Register has series of trips based on points in sales quotas. Last year 1,500 of its 3,500-man force got a free trip lwith their wives; plus \$35 for each point over the quota, Rich's demonster to all its salespeeple for repping their set quotas, once or twice a year holds a King-and-Quene contest in which the

leading male and female salespeople are crowned with great hoopla by Rich's President Richard H. Rich.

President to Janitor, Sparking the move toward smaller but more numerous prizes is a handful of incentive firms that have made big business out of shooting adrenalin into salesmen. The biggest is Dayton's E. F. MacDonald Co., which last year had a hand in triggering the sale of St billion worth of merchandise, MacDonald urges firms to award varied prizes, usually merchandise on a point scale, thus give every salesman some incentive to better his work. Incentive firms are also responsible for the newest gimmick in incentive selling: getting the entire company, from the president to the janitor, to take part in sales promotions. Denver's Ringsby Truck Lines brought all of its employees in on a campaign to win new customers, got 3.121 new accounts by offering cash prizes and a trip to Las Vegas. Total cost: \$4,300.

A Noisy Incentive. Many firms have gone a step farther, enlisted salesmen's families in ulcer-building campaigns to spur the breadwinner on. MacDonald regularly sends cards to the home showing the salesman's standing in a current company contest, gives wives tags to hang on furniture around the house to remind their husbands of the furnishings they can earn. Some firms have even sent buzzers and shrill whistles to a salesman's children; when dad asks what the noise is all about, the kids are instructed to tell him it's only a reminder to straighten up and sell harder, More constructively, Carrier Corp. recently launched a three-month sales drive. First prize: a \$10,000 scholarship for a salesman's son or daughter.

Such constant pressure from home and office is bound to take its toll on even

### TIME CLOCK

MIAMI HOTEL SLUMP is becoming acute, with summer reservations of 20%-30% because of recession and fact that winter's bad weather gave black eye to resort. Some 20 major hotels are in serious financial trouble.

MAIL ORDER PRICE CUTS are coming. In fall-winter catalogues, Montgomery Ward trimmed 2½% off year-ago prices. Sears, Roebuck cuts average 1.5% from spring-summer catalogues.

RUSSIA'S AEROFLOT JETS will start weekly flights to India (Moscow to Delhi in about 6½ hours) about Aug. 15, in Soviet airline's most important penetration into free Asia.

3% INTEREST RATES for savings accounts are expected to hold for some time in most parts of U.S., say banking authorities. Reason: competing savings and loan associations pay up to 4%,

NEW STEEL PROCESS, using rare earths in furnaces to remove impurities and increase steel yields, is widely reported on Wall Street. Reports helped boost stock of Molybdenum Corp. of America from \$16 to \$31. But Republic Steel Corp., experimenting with rare earths in steelmaking, says it "has found no advantages."

WORKERS' DISSATISFACTION with unions is growing as result of recession. Number of workers complaining to NLRB of unfair union practices, such as barring certain workers from key jobs, almost doubled in fiscal 1938 to some 5,500.

GANTNER OF CALIFORNIA, 82year-old maker of swimsuits and apparel, is being liquidated. Gantner has been losing money for more than a decade, and its owner, shirtmaking C. F. Hathaway Co. had net loss of \$1.2 million in year ended Feb. 1.

PAN AM PILOTS DEMAND top pay of \$45,000 to By passenger jets that are due in November v. current \$24;-860 top for DC-7Cs and management offer of \$28,589 top for jets. Pilots are making steep pay demand as leverage for what they really want: to put one extra pilot on each new jet.

### \_CONTRACT RENEGOTIATION\_

### It Destroys Incentive to Cut Defense Costs

RENEGOTIATION is a threat to national security." With this flat accusation the defense contractors' Natook dead aim at an old enemy entering the congressional battlefields once more: the highly controversial Renegotiation Act of 1951, which is before the House Ways and Means Committee for renewal this year. In its role as examiner-and judge-of thousands of defense contractors annually, the Government's Renegotiation Board since 1952 has ruled that the suppliers have made some \$700 million in "excessive profits." In doing so, say businessmen. it has seriously hampered effective procurement and demoralized large segments of vital industry

The main argument for keepins the act on the books: that defense equipment has become so compilex, and changes so fast, that past production defense and avoid exorbitant profits. The Government, say rengolation advocates, needs a watchdog agency to make the contract of the contract of

Renegotiation's bitterest enemies are the planemakers, whose defenseproduced net income is rarely more than 3% of sales. Nevertheless, during fiscal 1957, the Board ruled they had made \$33.6 million in excessive profits. Boeing has been ordered to give back \$27.5 million (less tax credit), and lesser amounts are demanded from North American. Douglas, Lockheed and most of the others. The planemakers maintain that the Renegotiation Act is unconstitutional because it levies what amounts to a tax without a rate-and thus deprives the taxpayer of due process. The law provides no formula to measure excess profits. Instead, the board considers such items as the risk involved, the company's efficiency and any other "factors considered important by the board."

One major consideration is corporate net worth. In 1925, for example, the board noted that Boeing Airplane Co. made a return on "beginning" net worth of about 9,5% ruled that it had excessive profits of \$10 million. Boeing President William McPherson Allen clous." He and other planemakers are used to the control of the

turers and administrators. Moreover, it neglects the many profitless years of costly drawing-board development, design and prototyne testing.

No one knows when the standards applied by one of the three regional boards will stick. For example, in Boeing's case, a regional board ruled that the company had not made excessive profits on its defense work. Shortly after, the statutory board in Washing ton reviewed the case, decided that Boeing owed the Government a refund on \$10 million in excessive profits, or approximately 20% of its pre-tax earnings in 1952. To make things worse, it takes up to 31 years before profits are audited and a decision reached. Thus no company can confidently pay out funds for either dividends or new research-the money might be called back tomorrow,

The planebuilders' strongest argument against renegotiation is that it destroys the incentive to cut costs that the Government is working hard to instill in its contractors. The Government offers contractors 20¢ of every dollar they manage to save under the contract price of an item. But no sooner is the incentive payment dispensed than it can be demanded back as excessive profit, As Boeing's Allen says: "By all odds the most unenlightened aspect of the whole renegotiation mess is that it ignores how good a job you're doing-how many dollars per pound you're saving the Government by heating cost figures." In seven years of producing B-47 and B-52 jet bomb-ers and KC-97 tankers, Boeing saved \$131.5 million on their anticipated prices-and got aggregate incentive profits of some \$25 million-or \$9.900,000 net after taxes. Yet for all this top performance the U.S. Government charged Boeing with \$27.5 million in excessive profits for three of those years. Says Allen: "It is a case of one agency of Government arbitrarily negating the incentive for economical production established by another branch of Government.

The one recourse for industry is an appeal to the Tax Court. In fiscal 1957, 26 of the Renegotiation Board's 58 orders were appealed.

Few thoughtful businessmen want to do away with renegotiation entirely. Rather, they would like to see the act amended to exempt incentive contracts and to make it mandatory to show contractors all data and information used as a basis for determining excessive profits. With such amendments, business might be able to live with the Renegotiation Act.

### AUTOS

#### The Aluminum Future

Behind the locked and guarded doors of Detroit's experimental studies last week, the automobile industry's planners were hardat work on the kind of car they hope will sell in the years from 100 on. As exceeding the control of the c

Just as 13 of 1958's models have aluminum grilles, so 1060's cars will spread out to more and more uses for aluminum. General Motors, which has been working toward a small, compact car (Time, June 23), will finally get it on the road late next year, Main feature: an aluminum engine, which will save 150 lbs., in turn reduce overall engine weight 30% by means of lighter mountings, braces, etc. Up to now every aluminum engine required either a ferrous liner or a chromium coating for cylinder bores; both were expensive to make and troublesome to process. G.M. believes it has solved the problem by finding a wear-resistant aluminum alloy that can be cast in the same fashion

Aside from the engine, G.M. will use another 200 lbs. of aluminum. thus reducing the overall weight by 16%. Precisely how G.M. will use its aluminum is still secret. But it is no secret that G.M. engineers have long been experimenting with aluminum transmissions. differentials, tie and crossbars, instrument panels, norms, bummes bummers, brakes turn signals.

Eventually the modern U.S. auto may count 25% to 40% of its total weight in aluminum. The major stumbling block has always been cost: aluminum for engines costs about three times as much as grey iron. Yet many engineers are coming around to the theory that costs even out in the long run, since aluminum costs less to machine and process. Moreover, it has many other advantages-no chip, no pit, no peel, no rust. But the biggest advantage of all is in performance. In recent tests with two cars identical except for a difference of 400 lbs. in weight, the lighter car accelerated and decelerated from 20% to 25% faster. In terms of gas consumption G.M.'s aluminum-engined 1960 model is expected to get considerably better mileage than the 1958 Chevy. And as more and more aluminum parts are added, U.S. motorists may yet see that happy day when they can combine the U.S. liking for smooth-riding big cars with fuel mileage of 25 to 35 miles per gallon.

### REAL ESTATE

Brokers to the World

One of the offshoots of the world economic boom is an international boom in real estate. From Rhodesia to Rochester, land shoppers are clamoring for attractive parcels of property. Only ten years ago Switzerland was the only European country in which a foreign broker could easily do business in real estate; today, firmer currencies have made the task much easier -and tremendously profitable. The firm that stands to benefit most by the boom is Manhattan's Previews. Inc., the world's only international clearinghouse for real estate, and an experienced dealer in both the exotic and the practical.

Previews considers itself a sort of stock exchange for world property, brings farflung buyers and sellers together through twelve offices in the U.S. and abroad and 20,000 cooperating brokers in almost every country in the world. Each year it handles \$75 million worth of property. in 1957 sold \$28 million worth-and made \$2,250,000 in fees. Last week Previews president, white-haired John Colquhoun Tysen, 45, was off on an annual world tour to sew up new deals with pashas and parvenus, unemployed royalty and hard-

headed businessmen.

Careful Eye. Tysen is convinced that some of the best buys are in the sunny resort lands of southern Europe. His Spanish subsidiary, formed only last month, is already dickering to develop a three-mile stretch of virgin coastline above Valencia into Europe's fanciest resort. "The world has gone sun crazy." says Tysen-and Previews intends to grab a place in the sun.

Previews also keeps a careful eye on depreciated slum areas that may go industrial, is gradually increasing its trade in land for industrial purposes. Tysen is negotiating with Belgian government officials about industrial development of the Inga Rapids area of the Congo River, a vast, water-rich slice of the Belgian Congo (TIME, Nov. 25) which engineers fondly describe as "the Ruhr of the 21st cen-Tysen will also shop around for tury." three kings interested in plush homes. has hunting licenses for land for a British firm that wants to build 700-room luxury hotels in Lisbon and Vienna, a U.S. hotel chain interested in London.

Do-It-Yourself Parliament. Previews still does go", of its business in residential land ("The appreciation can be fantastic"), specializes in finding buyers for U.S. residences such as Bing Croshv's seven-room lodge on Hayden Lake in Idaho, now for sale at \$95,000. "We don't live by soufflés alone." says Executive Vice President Robert T, Furman Ir, But Previews has made its reputation peddling white elephants and exotic proper-



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iles, For \$300,000 Tysen will sell a half soare in an Irish distillery, for \$182,000 tne title to the Windward Island of Mustione which Previews claims includes the right to appoint one's own parliament.

Whether a customer wants to sell a house in which all the rooms are round (Previews sold one in New Jersey) or turn his farm into a tourist paradise, Previews' approach is the same. Previews gets 13% of the asking price for handling a property on a three-year contract, advertises it with attractive brochures, often distributed to as many as 5,000 other brokers. When the property is sold. Previews picks up another 21%. The local broker also gets a commission.

Just Looking. Previews was founded in 1023 by three young New Yorkers who realized that many people could not spare the time and effort to shop for just the house they wanted. They took movies of properties for sale (at a cost of \$50 to the owner), showed them to prospective buyers. The firm lost money steadily for six years, largely because it could not get enough listings from unfriendly brokers. It finally switched to brochures, upped its fees-and began making money.

Trim (6 ft. 1 in., 170 lbs.) John Tysen. Paris born and British educated, got hired a: Previews in 1936, when he dropped in to do an errand for a friend. Despite a dandy's flair for clothes and a Cantabrigian accent that sometimes made him almost unintelligible. Tysen proved to be a crack salesman, became sales manager in 1040, president in 1950 (at \$25,000 a year, plus fat commissions and bonuses), boosted volume fourfold. Tysen holds as sacred writ that there is more money to he made in land than any other commodity, but he himself owns nothing more than a nine-room penthouse apartment in Manhattan. Says he: "There's a con'ict of interest. You can't serve yourself and serve a client."



PREVIEWS' TYSEN Cool cash from a warm sun.





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New directions from old hands.

### PERSONNEL Changes of the Week

ESSO'S NADEN

Charles Sparks Thomas, 60, houncy, bottle-bald former Secretary of the Navy (1954-57), was named president of Trans World Airlines. a job that eccentric T.W.A. Owner Howard Hughes has found hard to fill since the death of Ralph S. Damon 21 years ago. Carter L. Burgess piloted T.W.A. for a year until falling out with Hughes last December: since then. Chairman Warren Lee Pierson has acted as president, and T.W.A., with no firm. clear-cut leadership, lost \$14 million in the first five months of 1958. To pull up T.W.A.. Hughes picked an old airman. Californian Thomas climbed into the air as a World War I Navy aviator, bossed the big Foreman & Clark men's clothing chain from 1937 to 1953, was G.O P. national finance chairman until he resigned last week. As Navy Secretary, he sped the fleet into the age of seaborne missile armaments and atom power.

¶ William Naden, 57, moved up from executive vice president to president of Esso Standard Oil Co., chief domestic marketing and retining arm of Standard Oil Co. (N.J.), He succeeds Stanley C. Hope, 64, president since 1949, who retires. Naden was born at Methuen, Mass., took a chemistry degree at what is now Lowell Technological Institute ('22). joined Esso in 1027, rose to plant superintendent. In World War II, he pushed expansion of refineries in the East, at first for Esso and then for the Government. Naden advanced to general manager of Esso's manufacturing in 1949, a vice president in 1950

Q Rush H. Kress. 81. ailing brother of the late founder of the 261-store S. H. Kress & Co. five-and-ten chain, was replaced as chairman by New Jersey Construction Executive Paul L. Troast. a leader in the revolt of Kress Foundation directors that stripped Rush Kress of power | Time, March 31, Command of the slipping company (sales slid from \$176

9 Who was the Republican candidate for Gov-Robert Meyner.

million in 1952 to \$159 million last year) will be shared by Troast, recently named President George L. Cobb and Executive Committee Chairman Frank M. Folsom. Their plan: sell off some of the chain's stores to raise cash for expansion, then lease them back.

¶ Executive Vice President Harry Winston Bradbury. 62. a British-born career coalman, was elected president of Pennsylvania's money-losing Glen Alden Corp., biggest U.S. producer of anthracite (1957 sales of \$62 million brought a net loss of \$3,494,000). He replaces Francis () Case, 63, inactive since April, when Bradbury moved in from the presidency of Lehigh Valley Coal Co. Case had approved of the plan to merge Glen Alden with List Industries, successor to RKO Theaters Corp. and owner of 381% of Glen Alden stock. But last week the Pennsylvania Supreme Court enjoined the plan because

### FORFIGN TRADE Easing the Embargoes

Through the cold war, the U.S. has pressured and persuaded its trade-hungry allies to hold down exports to the Soviet world. But the U.S. was fighting a losing battle. Last week, in a policy switch, Secretary of State Dulles con rmed that Western controls on Red trade will be eased "appreciably," Within a month. about So items are expected to be lifted from the 200-plus-item strategic-embargo list, including some chemicals and machine tools, nearly all raw materials, electronic equipment, trucks, cars, ships and perhaps older planes, such as the DC-3.

The embargo is being eased in response to increasingly heavy pressure from European. Japanese and even many U.S. businessmen for more trade with the Communists. The U.S. itself wants to encourage trade with certain satellites, notably Poland, to try to pry them from the Soviet economic orbit. Furthermore, the U.S. no longer believes that the embargo is hampering the Soviet economy, because in many fields the Reds' technology is roughly on a par with the West's. Trade with the Soviet bloc now ac-

counts for £8% of West Germany's total foreign trade, but only ±2% for France. ±3% for Britain. ±2% for Latin America. ±3% for Britain. ±2% for Latin America. ±3% for the W.S., which does not trade with Reit China. Easing the embargoes is expected to expand East-West trade slightly but not specifically. The total Comments of the have not had the cash to huy or have one been able to sell what the West wants.

### GOODS & SERVICES

#### New Products

Submersible Pot. An electric coffee pot that can be submerged in a dishpan or washed in an automatic dishwasher was microduced at the National Housewares for the control of the control o

Trick Cooler. Westinghouse Electric showed off a baby-bottle confer-swarmer that refrigerates a bottle until just before feeding time, then quickly heats it and rings a bell when it is ready. Due on the market within a year, the buttle cooler is a forerunner of other husshold applications. c.g., kitchen-cabinet drawers that refrigerate, a hostess cart with an oven

and a cooling compartment

Bogged Mortinis. Plastic bass for indistinguishment of the Mortinian of the Mortinian artinishment of the Minnesota Mining & Manutacturing Co., for several airlines. They figure to save up to 60 lbs. of hottle weight per flight. Three Ms is now working on putting hourhon in its plastic Socthepak, which left a slight taste in first experiments. Bubbly Sond. Feamsil, a rigid light.

resident and the second of the

Replaceable Cells. Estimating that 95% of auto batteries have to be discarded while they still have one or more good cells. Aut-0-Cel Co. of Des Moines put on sale a replaceable, plastic-encased battery cell that can be assembled in 19 different battery sizes. When the battery goes bad. a garageman replaces the dead

cell. Price: \$7.47 per cell

Pipe Potcher. A repair kit to plug holes in pipes, holiers, etc. was put on sale by Devcon Corp. of Danvers. Mass. Key material is a mixture of 80.6%, steel and 20%, plastic which sets under heat in 60 seconds or less. Holes up to 1 in, in diameter can be repaired without surning off the pressure. A woven-glass-tape bandage is included for laminating a larger opening. Price. \$2.5%.



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### MILESTONES

Born, To Dovima (real name: Dorothy Virginia Margaret Juba), 30, lissome (5 ft. 8 in., 115 lbs.) Manhattan high-fashion model (\$75 an hour), and Immigration Department Official Alan Murray, 31: their first child, a girl; in Manhattan. Name: Alison. Weight: 5 lbs. 13 oz.

Born, To Charles Van Doren, 32, Co-Croesus (Time. Feb. 11, 1957) of TV's gilt quiz show Twenty One, and Geraldine Ann Bernstein Van Doren, 24: their first child, a daughter; in Manhattan. Name: Elizabeth, Weight; 6 lbs, 143 oz.

Married, Viviana Muñoz Mendoza, 18, daughter of Puerto Rico's Governor Luis Muñoz Marin (TIME, June 231; and Louis Timm Díaz. 24. who. with his bride is a student at the University of Puerto Rico: in San Juan.

Married. Lester ("The Debutantes" Delight") Lanin, fiftyish, wiry, jumpy bandleader whose ubiquitous multicelled society orchestra commands fees up to \$15,000, has been known to play for as many as 25 widely scattered parties in a single night; and Marilyn Weiss, 22, his secretary; both for the first time; in York, S.C.

Died. Bohumil Lausman. 55. chairman of Czechoslovakia's Social Democratic Party before the Communist coup of 1048, man of many-phased, sincere but confused cold-war loyalties; in Prague. In 1946 Lausman liked the Russians: in 1947 he denounced them, but became Deputy Premier of Czechoslovakia when the Reds assumed control the next year. In 1950 he fled to the West, soon turned up in Yugoslavia, disappeared (perhaps by kidnaping 1 in 1953 from a pension in Austria. reappeared in Prague with a "confession of the "spiritual suffering" he had undergone in Western Europe.

Died. Rudolph von Laban, 78, Hungarian-born choreographer, teacher and theorist of the dance deviser of Labanotation, the first widely accepted, effective method of recording dance movements on paper: in London.

Died. The Marchioness Curzon of Kedleston (nee Grace Elvina Hinds of Decatur. Ala.). So. daughter of a onetime U.S. Minister to Brazil, second wife of the late Marquess Curzon, who was British Viceroy and Governor General of India (1898-1905) and Foreign Secretary (1019-24): near Dover, England, First female recipient of the Grand Cross of the British Empire (conferred on her in 1922 for war work 1. Lady Curzon was a significant arc in titled circles, an owner of race horses whose brown and pink colors were once familiar at Ascot and Newmarket, and a friend of Lady Randolph Churchill (nee Jennie Jerome of Brook-

### Love Letters to ambler



City Alderman and TV Weatherman "Ted" Bender of El Paso, Texas, is

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Tom Johnson is typical of the men in the 10 Divisions of our Commercial Banking Department. Each Division serves one group of industries exclusively; each officer studies his field constantly.

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### CINEMA

### The New Pictures

The Law and Jake Wade [M.-G-M] is a horse oper of another clott. Meta-color is what they call it, and it sure is food. The sure is probably nothing more than gold in them that falls, but to look at the screen, anybody maint think there was neon, Still, the Sierra Nevada, in which much of the film was show, is pretty hard to spoil. Its purple mountain majestic food, from in mineral claim grows which the sure of the sure was never the same in mineral claim grows which is the sure of the sure was the sure was not sure the last major western was released.

The rolling stone that starts it all is The Good Guy (Robert Taylor -he's the one with the prettiest horse-who is about to marry The Girl (Patricia Owens) -she's the one with the gingham dresswhen they are kidnaped by The Bad Guy (Richard Widmark) -he's the one with the occupational sneer-who forces them to lead him to The Buried Treasure, First they cross The Bad Lands then they encounter The Bluecoats, later they come to The Ghost Town, finally they are attacked by The Indians-a tribe of cosmetic Comanches who bite the dust as delicately as though it were crepes suzette. At the climax, The Good Guy and The Bad Guy shoot it out to supply the answer to the second most important question the picture poses: Who is faster on The Draw? Nobody seems to know the answer to the most important question: Why is Robert Taylor, a man of considerable general culture, content to spend most of his working hours grubbing around in the bottom of the oatbin?

The Key [Highroad: Columbia] is that most unexpected and moving utterance of the commercial muse: a true myth. Set down with crude force by Jan de Hartog in Book I of his 1952 novel. The Distant Shore, the myth has been clarified and rationalized with a masterly sense of symbolic logic by Scriptwriter-Producer Carl (High Noon) Foreman and Director Carol (Trapeze) Reed. On the surface, the film seems little different from a hundred other stories of men in war and women in love-except perhaps in the finesse of the witty and suspenseful writing and editing. But just beneath the surface can be glimpsed the glinting corpus of a hero myth-the story of the fight with a dragon, the release of a captive, the awakening of a sleeping beauty. And in its depths the narrative circles down through an abyss of symbols to the first and final circle of reality in which heaven and hell, good and evil life and death go round together blindly in the mystery of the eternal return.

The hero (William Holden) is the captain of a British "suicide tug," assigned in the early years of World War II to rescue freighters that have been torpedoed but not sunk as the sea roads that converge on Britain. Guns are in such short supply that the tugs must put to sea



Owens & Taylor in "The Law" A stupendous avalanche of clichés.

unarmed except for some futile pom-poms of antique design. They are sitting duels for the U-boats that usually lie in wait for rescue parties, and even if a captain should survive the shelling, he is pretty sure to succumb to the inhuman strain of lighting without weapons. Suicide is commonplace: Veronal is universal: strong drink is raping.

But one of the captains (Trevor Howard) has discovered a more pleasurable avenue to oblivion (Sophia Loren). It troubles him, of course, that others have traveled the same road before him, and



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skipper too, and one day he confided an extra key to his flat to another skipper, and asked him to look out for the girl if ever his luck ran out. So when the first skipper bought it, the second moved in, and after the second the third, and after the third the hero. As in the old religions

details of "Learn as You Travel" and "Learn on Vacation" plans of fertility, the male dies and is replaced, but the female is always the same-Astarte in a garret. The hero's task in the myth is fearfully clear. He must resist what De Hartog calls "the terrible pull of the dead." He must interrupt the faceless generations of desire and break out of the vegetative rhythm of the female world in which he is really just a nobody, a term in an interminable series a face in a crowd. He must establish himself as an individual and as a man, and he must force the female to

that the road has always led to the grave.

The first of Sophia's lovers was a tugboat

instinctual feelings into human love. All this is beautifully expressed in the film in a language of symbol--The Key, The Wedding Ring. The Marriage with Death, The Sea. The Enemy. The Fight. The Stairs. The Tree of Life-in which the grammar is parsed out to the least detail. The symbols are submerged in the flow of the story, and most moviegoers will not specially notice them; but they are there, and like glands of meaning, they secrete into this film the forces that make it, despite the indifferent performances of all the principals except Trevor Howard, one of the year's most strongly

become a woman by altering her blind

and strangely affecting pictures. CURRENT & CHOICE The Goddess, Playwright Paddy Cha-

vefsky and Actress Kim Stanley delivering a roaring diatribe against the Bitch Goddess. Success, at a pace that is sometimes slow but in a tone that is marvelously Swift (TIME, July 7).

Hot Spell. A tragedy of family life. sensitively interpreted by Director Daniel Mann and a talented cast: Shirley Booth, Anthony Ouinn, Shirley MacLaine (TIME, June 23 1.

This Angry Age. A strong but uneven picture, derived from The Sea Wall, a memorable novel about French pioneers in Indo-China; with Anthony Perkins and Jo Van Fleet (TIME, June u).

Gigi. Colette's slender novelette. larded up with production values and brought forth as a big fat musical; but the show is saved by Cecil Beaton's fruitily fin de siècle sets and costumes-a cinemuseum

of exquisite evesores (Time, May 10). Rouge et Noir, The edge of Stendhal's satire dulled by sentiment, but all the same a good movie from a great novel; with Gérard Philipe, Danielle Darrieux. Antonella Lualdi (Time, May 5).

The Young Lions, Irwin Shaw's best-seller about World War II, clarified by an intelligent script and two gifted actors, Marlon Brando and Montgomery Clift (Time. April 14).

Stage Struck. Local girl making good on Broadway-the hard way; with Susan Strasberg, Henry Fonda (TIME, April 7).



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TIME, JULY 14, 1958

### BOOKS

### In the Minotaur's Cave

THE KING MUST DIE [338 pp.]— Mary Renault—Pantheon (\$4.50).

The best excuse for retelling a myth is to be unfaithful to it. When Joyce reworked the Odyssey, turning Ulysses into the Jew Leopold Bloom and the winedark sea into Dublin, the structure came from the past but the sense of it was all



THESEUS SLAVING THE MINOTAUR
All too faithful to the myth.

in the present—which is the essence of parable. To recreate the jast as past is merely archaeology or entertainment, or both, Author Mary 17the Last of the Wines Renault's The King Mass Die (a midsummer Book-of-the-Month Club choice) is both, but she is a better literary archaeologist than an entertainer. Her myth is the Theseus legend and she is all too faithful or too faithful or too faithful or too faithful or too.

Into the Maze. The heart of the story is known even to schoolboys. Theseus. recently acknowledged son of the King of Athens, one morning finds the city draped in black. He is told that the city must send a human tribute of seven young men and seven maidens to Crete, where they are to be put into a maze called the labyrinth and devoured by a fearsome creature, half-man, half-bull, called the Minotaur, Either by lot or insistence, Theseus becomes one of the seven youths and sets sail for Crete. There he wins the love of Ariadne, a Cretan princess, who gives him a magic sword with which to kill the Minotaur and a spool of cord with which to thread his way back out of the maze. On the way home to Athens. Theseus puzzlingly abandons Ariadne on the island of Naxos. He also fails to change the ship's sails from black to white, so that his father, King Aigeus, thinking Theseus dead, plunges heartbroken to his own death from a high cliff.

The whole myth with all its subplots is a good deal more labyrinthine than that, and Author Rensult threads her way as skillfully through it as Theseus did through the Minotaur's cave. Much of it is a sheer adventure yarn, full of javellin-play, wrestline, buil dancing (the Cretan version of bullighting; and those gore sudden deathe and bloody double-dealines to which the ancient Greeks were so grone that they probably invented he serone (dea of the "golden menn" as an errore (dea of the "golden menn" as an

amidote. Out of the Bronze Age, Theseus' character, as Author Remail develops it, is an experience and a superior of the angular pang leader, early at any moment for a rumble with the neighboring gane. This rings truer to the spirit of the Bronze Age than Theseus' self-conscious habit of comsulting his destiny every 15 minutes like a watch. While the heroes of the classic tragedies inevitably syield to their fate. Author Remails' Theseus seem's protinsers and the self-conscious and the self-consibility to the will of the goods, bearn and submit to the will of the goods learn and

Author Renault ably dramatizes the cultural clash between Mycenean Greece (masculine, simple-souled and semipriitive), and Minoan Crete (effeminate, sophisticated and decadent). She has obviously lived her period, which is the closest a historical novelist can ever come to making a period live.

### Scoundrel or Scapegoat?

PRINCE OF CARPETBAGGERS [319 pp.]

—Jonathan Daniels—Lippincott (\$4.95).

He was so strikingly handsome that an army chaplain called him "beautiful to behold"; yet historians of the Reconstruction era have dubbed him "the outstanding figure in filth." He was cited for gallantry at Shiloh-and lived to be reviled as "Prince of Bummers." He was a devoted family man, and yet spent much of his time with another man's wife. Some \$16 million in bonds, three mansions, a railroad, and countless acres of timberland passed through his hands; but the day came when he was jailed for skipping out on a \$94 hotel bill. This contradictory. little-known figure of U.S. history was Union General Milton Smith Littlefield. In this book, North Carolina Author (A Southerner Discovers the South and Editor (Raleigh News and Observer) Jonathan Daniels offers a tantalizing answer to the question of what Littlefield was really like.

Era of Moral Ambiguity. As Daniels sees it, the Prince of Carpetbaugers was part scoundred and part scapegost and, as such, an apt symbol of the moral ambiguity of the Reconstruction period. Author Daniels argues that U.S. folklore has too guillibly enshrined the popular Southern myth of the carpetbauger as a devilish Yankee loot-and-run artist. In fact, he was sometimes a champion of Negro

rights, sometimes a businessman with venture capital to invest, sometimes a restless Northern was veteran with a yen to revisit the South, If the carpethager's hand was plunged in the public rill, his arm was requently locked in that of a sly Southern collaborator who was only too happy to share the take. Unfortunately, Author Daniels carpetsweeping approach to carculate the carpetsweeping approach to carculate the control of the carpetsweeping approach to are a support of the carpetsweeping approach to carculate the carpetsweeping approach to carter the carpetsweeping approach to carculate the carpetsweeping approach to carpetsweeping approach to carculate the carpetsweeping approach to carpetsweeping appr

The notorious Milton began his career innocuously enough, Born in upstate New York on July 19, 1830, he taught school in Michigan, later practiced law in Illinois. An early Lincoln partisan (his younger brother John worked in the Lincoln-Herndon law office in Springfield), Milton reputedly hoisted Honest Abe onto the crowd's shoulders at one of the Lincoln-Douglas debates, while The Rail Splitter protested: "Don't, Don't, This is ridiculous." After captaining one of the quasimilitary Republican abolitionist outfits known as the "Wide Awakes," Milton marched away to the Civil War as a volunteer officer of 30.

Serpentine Ally. At Shiloh, according to newspaper accounts, the good captain "stood erect in front of his men, during the whole engagement, but escaped all injury except having about three inches torn from the left shoulder of his coat, by a ball from the enemy." General Sherman made him a lieutenant colonel and assistant provost marshal of Memphis, where. even in 1862, blockaded cotton was being feverishly and profitably traded to Northern mills. At Lincoln's command, Littlefield later organized one of the first Negro regiments. By war's end. General Littlefield's character, as well as his uniform, was still nearly "as immaculate as Lee's.

What changed him Biographer Daniels does not know, and he refuses to guess. Perhaps the general simply could not confine his venturesome ego to a small Phila-



GENERAL LITTLEFIELD

All in the carpetboa.

delphia lumber business and a placid, happy marriage. Backed by capital that may or may not have come from Wall Street, Littlefield went back to the South in 1867 with a bold scheme that was tactually waterithet—and morally as leaky as a sieve. The plan was to buy up defaulted North Carolina railracul bonds for redeeming them brite the legislature into the contract of the contrac

Refrect to New York. Milton was no hidden persuader. He opened a bar in the west portico of the state capitol at Raleigh to sway the legislators. Many North Carolinians still insist that the chipped stone steps of the capitol were broken by the barrels of booze rolled up and down

them in those days.

With his smartly clipped beard, fawncolored trousers and "killing cravat," Littlefield was a kind of one-man giveaway show. As one admirer put it: "With money he was as free as water, and when he had no money was just as free with checks." All through the late 1860s, he had the money, shelled out as much as \$241,000 at a session to get the legislation he and his associates wanted. Eventually, the Swepson-Littlefield interests floated their own bonds for railroad lines they never built. They snapped up land at distress sales, bought state-owned cotton at 33¢, which they quickly sold on the open market at 471¢. Littlefield branched out into Florida and became president of the Jacksonville, Pensacola & Mobile Railroad.

Ironically, Littlefield had just decided that he really wanted to run his honest-togoodness railroad when all his loans began to slip their bonds. In the panic of '73, his empire fell. But before that his pal Swepson had disowned him and declared himself insolvent, although he subsequently died a millionaire, to be buried under the epitaph "Trusting in Iesus for Salvation. Little eld's great and good friend Mrs. Ann Cavarly, the wife of an associate, played the self-appointed blabbermouth before investigating committees, while Democratic journalists howled for the staunchly Republican general's head. But none of the charges against him ever

Retreating to New York City, the general bore his last years of genteel poverty lightly. Natty and erect to the day of his death in 1899, the aging Milton Littlefield invariably wore a flower in his lapel. It was the only thing anyone ever pinned on

the prince of carpetbaggers.

Blood of Patriots & Tyrants

ORSINI: THE STORY OF A CONSPIRATOR [313 pp.)—Michael St. John Packe—Little, Brown [\$5].

The modern tourist, wandering through a united Italy with camera and sunglasses, rarely remembers how dark the dismembered peninsula looked to sightseers a century ago. Regarding the Papal States, where the study of political economy was banned as strictly as "free trade, vaccination, railways, gas power and light, the telegraph," Thomas Macauley pronounced the verdett: "[They] are, I suppose, the worst governed in the civilized world. In like condition were Predmont ("a complete military despotism") and Modera, whose duke governed by the axiom: "God has made Hell, and the godhis Frime Ministere".

This wretched, suffering Italy, much of it under foreign rule, was united in one



CONSPIRATOR ORSINI All in the day's work.

respect alone—each state bred its quota of fanatics, nationalist revolutionaries and assassins. Felice Orsini (born in 1819) was a blend of all three, and British Historian Packe has chosen him as the central figure in what is not so much a biography as a first-rate history of the 19th century Italian struggle for liberty and unity.

With Choins, Felice Orsini\* was intitated into his career at the age of nine, when his father took him to the opera for the first time. Loss in the wonder of it all, the little boy hardly heard at first a "scuff." Then he looked and saw his father and a friend being dragged off, with fetters hanging from their wrists. "His mother rose, tight-lipped, white of face, hustling her children out. To their rightened questions and their tears he gave a single thirty than the children with the children with the children with the property of the children with the children w

Felice Orsini understood. At school he became a liberal, sporting the red-whitegreen colors that today compose the flag of Italy. He bought a rusty old pistol; loading it one day for surreptitious target

4 No kin to the ancient Orsini family (TIME, Feb. 10), credited with having produced 18 saints five Power and to are likely.

practice, he fatally wounded one of his uncle's manservants, received the mild sentence of "six months' detention in convent." There, Jesuit teachers tried in vain to convert the young zealot to a career of "militant evangelism." At 22 he followed a different kind of evangelist—Patriot Giuseppi Mazzini, who was then organizing the secret Young Halv movement.

From that point, Ornini's story leads in and out of jails, to Mazzini's short-lived Roman republic (in whose Assembly Orsini was a deputy), on to service in Garibaldi's ragged patriot army, fighting against the French and Austrians. When Italy's national movement was crushed, the U.S. legation opened its doors to fleering republicans, and when the victorious the U.S. could offeit them "it the head of the stairs with a sword in one hand and the Stars and Stripes in the Ost of the Stars with a sword in one hand and the Stars and Stripes in the other."

the Salrs and Stripes in the Goder. With Eggs, For the rest of he life. With Eggs, For the rest of he life. With Eggs, For the rest of he life. When the same twanted men, trailing from country of the country, spring, mounting fantastic plets and making sporadic forays into his home land. In London, where he was rapturously welcomed, Orsini let his vanity drive him to his last, most hare-brained exploit—an attempt on the life of France's Emperor Napoleon III. It was a crazy choice, because the Emperor had declared himself erady to fight for the cause of Italian Napoleon were removed, all other thrones in Europe would topole.

Orsini's bombs were custom made for him by a respectable British frum, paid for by a sympathetic British crackpot. By the beginning of 1858, Orsini and three Italian fellow conspirators had arrived in Paris with their cargo of "what looked like a clutch of monstrous birds' eggs. spiny and fantastic." On the appointed night Orsini and his friends joined the crowd in the Rue Lepelletier, down which Louis Napoleon and Empress Eugenie were about to drive to the opera.

With Blood. In the opera house, the master of ceremonies had just murmured to a friend, "The policing of the streets is perfect," when three heavy explosions brought down most of the windows and a brought down most of the windows and a collapsed and the blood of an escoring general spurted over the Empress' dress. Shaken but only slightly scratched, Louis Napoleon and Eugénie stepped from the remains of their carriage into a scene of carrage. One doctor alone reported and three blinded including eight dead and three blinded including eight dead.

Felice Orisini went to the guillotine in March 1858, crying "Wise ITPatials Viva la Franciai" To show his love of Italy, Louis Napoleon would have liked to pardon him; instead, thirteen months later, he led an army of 200,000 ever the Alps and defeated the Austrians at Solferino and Magenta, It was the beginning of the March 1990 of the March 1990 of the March 1990 of the March 200 of the March



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tions, he might have answered with the famous line Empress Eugénie is said to have spoken as she stepped from her wrecked, blood-spattered carriage: "C'est le métier [It's all in the day's work]."

### Varieties of Love

THE HABIT OF LOVING (311 pp.)-Doris Lessing-Crowell (\$4).

A woman has slipped into the uneasy circle of England's Angry Young Men. No charter member of that club-not even Osborne or Amis-can have much to teach Author Doris Lessing about her craft. Moreover, her anger is never clothed in whining self-pity or adolescent sneers. Born in Persia, raised in South Africa and now a Londoner, Doris Lessing finds life less than perfect wherever she finds herself. The short stories in The Habit of Loving pick up her quarry in places as varied as France, South Africa, England, Bavaria. As might be expected, the title is ironic. In these stories there is

a good deal more of habit than of loving. In the title story, an old man of the theater still has the habit but not the manpower to go with it. Left by his mistress, aging George tries to remarry his divorced wife. Turned down, he turns to a much younger woman for whom the old boy is a catch of convenience. Married, he discovers that a marriage of male habit and female indifference is not enough to keep off the evening chill. After a trip to Italy, his wife recites a simple fact of life to him: "George, you know you're getting too old for this sort of thing-it's not good for you; you look ghastly." But Author Lessing does not play this situation for sexual repartee. Her story is a comment on vapid people who have grown incapable of the emotions that can cement a marriage or even a love affair.

Neither selfless love nor old-fashioned romantic love gets much of a chance in these stories. Their themes can be banal, as in He, which has a pathetic and overworked English shrew driving her husband into the arms of another woman but wanting him back at any cost. Sometimes the habit becomes just plain infidelity, as in Getting Off the Altitude. In A Mild Attack of Locusts, the habit turns into love of the land, even when the African locusts make the land a crushing burden. A female leftist in The Day Stalin Died has the party habit so bad that Stalin's death inspires her to intone: "We will have to pledge ourselves to be worthy of him.

The best story of the lot is the last and longest. The Eve of God in Paradise. Two doctors, a man and a woman, arrive in the Bavarian Alps on a skiing holiday. They are English and lovers, and each has lost a former love during the war. Both are generous, both are hopeful that the time of Hitler was a decent nation's inexplicable nightmare-but they run into enough of the Nazi mentality to live a nightmare of their own. Author Lessing's tale is too carefully loaded to be fully convincing or fair. But it has enough truth and strength Cleveland 11, Ohio to be a chilling literary experience.

### MISCELLANY

Snobility. In London, a sensitive fa-ther ran a classified ad in the Times for a "sports car, preferably foreign, wanted for weekend by respectable middle-aged civil servant to raise son's status at preparatory school where most fathers have Jaguars."

Architrusty. In Florence, Ariz., J. J. Isbell was locked up in the city jail, soon noticed that the hinges on his cell door had been put on on the inside, pulled out the pins, pushed over the door and walked out.

Tirra-Lire-Lire, In Acqui, Italy, 14year-old Maurizio Pesce was fined 400 lire for excessive tootling of his father's auto horn.

Elementary, In Richmond, Va., Sherlock Holmes reported the theft of his automobile.

Roving Eye. In Vancouver, B.C., the daily Province reported an accident, said that an "eyewitness was Winston Dawson, who was not at the scene at the time.

Hubdown, In St. Paul, Ronald Engel was stopped for speeding, explained that he had just washed his car and was drying it.

Fringe Benefit, In Birmingham, England, a transport workers' union announced a new service for its 6,000 members: free legal aid in getting divorces.

Maize of Noon. In Chicago, fire swept through a warehouse, popped half a ton of popcorn.

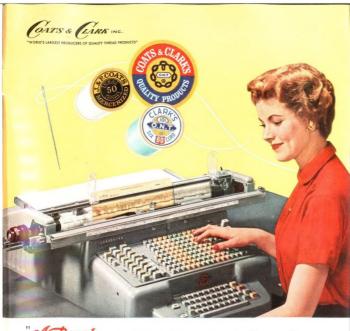
Back Pay, In Mount Vernon, Wash., James Ferguson rescued a woman from her overturned car, strained himself, sued her for damages.

Noves, In Birmingham, Church Official Richard King, 72, was knifed outside the Friendly Baptist Church by a group of ousted deacons.

Cio Cio Sandman, In Ashiya, Japan, a ten-day crackdown on horn blowing was so successful that the only traffic accident during the period involved a driver who fell asleep at the wheel.

Automatic Transgression. In Columbus. Ohio. Raymond Pickens borrowed a 1952 Chevrolet from a used car dealer to try it out, drove it to a vacant lot, where police found him lifting out the motor with a chain hoist he had secured to a tree limb.

H<sub>2</sub>Oil. In Tulsa, George Sharp drilled hopefully in his backyard for water, struck oil, moaned "Oh no," made plans to drill on down until he hit water, then case off a section of the well to keep the oil out.



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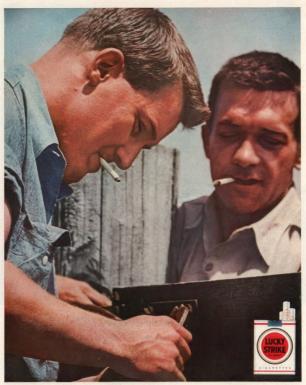
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